

```
RESULT 278
US-09-980-052-217/C
; Sequence 217, Application US/09980052
; Patent No. 6670130
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/09/980,052
; PRIOR FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: Koparentin 1.71
; SEQ ID NO 217
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium
US-09-980-052-217

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1036 GAGTCACCCAGCCGCCAC 1055
DB      20 GAGTCACCCAGATCCACAC 1

RESULT 279
US-09-966-312-55
; Sequence 55, Application US/09966312
; Patent No. 6673548
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Stornhoff, James J.
; APPLICANT: Bishanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-15
; CURRENT APPLICATION NUMBER: US/09/966,312
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
```

```
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-966-312-55

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5412
DB      1 AAAAAAAAAAAAAAAAAA 20

RESULT 280
US-09-975-062A-55
; Sequence 55, Application US/09975062A
; Patent No. 6677122
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Stornhoff, James J.
; APPLICANT: Bishanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-111
; CURRENT APPLICATION NUMBER: US/09/975,062A
; PRIOR FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-975-062A-55

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5412
DB      1 AAAAAAAAAAAAAAAAAA 20

RESULT 281
US-09-976-971A-55
; Sequence 55, Application US/09976971A
; Patent No. 6682895
; GENERAL INFORMATION:
```

```
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-961-949A-55
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAATACAAAAGAA 5412
Db 1 AAAAATACAAAAGAA 20
```

```
RESULT 275
US-09-966-491A-55
; Sequence 55, Application US/09966491A
; Patent No. 6610491
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-14
; CURRENT APPLICATION NUMBER: US/09/966,491A
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-491A-55
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAATACAAAAGAA 5412
Db 1 AAAAATACAAAAGAA 20
```

```
RESULT 276
US-10-027-983-90
; Sequence 90, Application US/10027983
```

```
; Patent No. 6617162
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
; FILE REFERENCE: RTS-0340
; CURRENT APPLICATION NUMBER: US/10/027,983
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-027-983-90
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 3639 AATGCTGAGATTGCAGAG 3658
Db 1 AATGCTGAGATTGCAGAG 20
```

```
RESULT 277
US-09-957-313A-55
; Sequence 55, Application US/09957313A
; Patent No. 6645721
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-13
; CURRENT APPLICATION NUMBER: US/09/957,313A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-957-313A-55
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAATACAAAAGAA 5412
Db 1 AAAAATACAAAAGAA 20
```

```
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ OTHER INFORMATION: synthetic sequence
US-09-976-978A-55
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 5393 AAAAAATACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 271
US-09-198-452A-4302
/ Sequence 4302, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffiths, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 4302
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4302
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 2547 GGGCTGTGTAAGTATGAGG 2566
Db 1 GGGCTGTGTAAGTATGAGG 20
```

```
RESULT 272
US-09-198-452A-5533/c
/ Sequence 5533, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffiths, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5533
/ LENGTH: 20
/ TYPE: DNA
```

```
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5533
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 2046 ATCAACAAGAGCTCTGGG 2065
Db 20 ACCAACAAGAGCTCTGGG 1
```

```
RESULT 273
US-09-344-260A-10/c
/ Sequence 10, Application US/09344260A
/ Patent No. 6576752
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Lomborg, Harri
/ APPLICANT: Salo, Harri
/ APPLICANT: Virta, Pasi
/ TITLE OF INVENTION: Aminoxy Functionalized Oligomers
/ FILE REFERENCE: ISIS-3508
/ CURRENT APPLICATION NUMBER: US/09/344,260A
/ CURRENT FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/016,520
/ PRIOR FILING DATE: 1998-01-30
/ NUMBER OF SEQ ID NOS: 18
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 10
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc.feature
/ OTHER INFORMATION: No. 6576752e1 Sequence
US-09-344-260A-10
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 5393 AAAAAATACAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 274
US-09-961-949A-55
/ Sequence 55, Application US/09961949A
/ Patent No. 6582921
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Strohoff, James J.
/ APPLICANT: Rishanian, Robert
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THEREON
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 00-713-11
/ CURRENT APPLICATION NUMBER: US/09/961,949A
/ CURRENT FILING DATE: 2001-09-20
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
```

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 5393 AAAAAATACAAAAGAAA 5412  
Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 267  
US-09-331-930A-8  
; Sequence 8, Application US/09331930A  
; Patent No. 6436670  
; GENERAL INFORMATION:  
; APPLICANT: ZIMMER, PAUL Z.  
; APPLICANT: COLLIER, GREGORY  
; TITLE OF INVENTION: A NOVEL GENE AND USES THEREFOR  
; FILE REFERENCE: 22975-20007.00  
; CURRENT APPLICATION NUMBER: US/09/331.930A  
; CURRENT FILING DATE: 1999-06-30  
; PRIOR APPLICATION NUMBER: PCT/AU98/00902  
; PRIOR FILING DATE: 1998-10-30  
; PRIOR APPLICATION NUMBER: AU PPO117/97  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: AU PPO323/97  
; PRIOR FILING DATE: 1997-11-11  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 8  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-331-930A-8

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1262 GCGTACGCCCCACACAC 1281  
Db 1 GCGTACGCTTACACACAC 20

RESULT 268  
US-09-726-096A-1/C  
; Sequence 1, Application US/09726096A  
; Patent No. 6462184  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Maier, Martin A.  
; TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Back  
; FILE REFERENCE: ISIS4528  
; CURRENT APPLICATION NUMBER: US/09/726.096A  
; CURRENT FILING DATE: 2000-11-29  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; OTHER INFORMATION: Oligonucleotide  
; NAME/KEY: misc\_feature  
; LOCATION: (1)-(20)  
; OTHER INFORMATION: 2'-methoxyethoxy (MOE)  
US-09-726-096A-1

Query Match 0.3%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 5393 AAAAAATACAAAAGAAA 5412  
Db 20 AAAAAAAAAAAAAAAAAA 1

RESULT 269  
US-09-603-830-55  
; Sequence 55, Application US/09603830  
; Patent No. 6506564  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storchoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 4149-1-1-1-1  
; CURRENT APPLICATION NUMBER: US/09/603.830  
; CURRENT FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 55  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-603-830-55

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAA 5412  
Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 270  
US-09-976-978A-55  
; Sequence 55, Application US/0976978A  
; Patent No. 6532097  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storchoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-117  
; CURRENT APPLICATION NUMBER: US/09/976.978A  
; CURRENT FILING DATE: 2002-03-05  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667



TITLE OF INVENTION: GLAUCOMA THERAPEUTICS AND DIAGNOSTICS  
NUMBER OF SEQUENCES: 43  
CORRESPONDENCE ADDRESS:  
ADDRESSER: POLEY, HOAG & ELIOT LLP  
STREET: One Post Office Square  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109-2170  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/056,285A  
FILING DATE: 07-Apr-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Arnold, Beth E.  
REGISTRATION NUMBER: 35,430  
REFERENCE/DOCKET NUMBER: UIA-010.28  
TELEPHONE: 617-832-1000  
TELEFAX: 617-832-7000  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-09-056-285A-27  
SEQUENCE DESCRIPTION: SEQ ID NO: 27:

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1960 GGCTTCTGAGTCGACGAG 1979  
DB 20 GGGAAGCTGAGTTCAGCAG 1

RESULT 264  
US-09-205-426-83  
Sequence 83, Application US/09205426  
Patent No. 6406704  
GENERAL INFORMATION:  
APPLICANT: Watson, James D.  
TITLE OF INVENTION: Compounds and Methods for Treatment and  
FILE REFERENCE: 11000.1002c4  
CURRENT APPLICATION NUMBER: US/09/205,426  
EARLIER FILING DATE: 1998-12-04  
EARLIER APPLICATION NUMBER: 09/095,855  
EARLIER FILING DATE: 1998-06-11  
EARLIER APPLICATION NUMBER: 08/997,362  
EARLIER FILING DATE: 1997-12-23  
EARLIER APPLICATION NUMBER: 08/873,970  
EARLIER FILING DATE: 1997-06-12  
EARLIER APPLICATION NUMBER: 08/705,347  
EARLIER FILING DATE: 1996-08-29  
NUMBER OF SEQ ID NOS: 208  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 83  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Made in a lab  
US-09-205-426-83

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAATGCAAAAAGAAA 5412  
DB 1 AAAAAGAAAAAAGAAAAA 20

RESULT 265  
US-09-506-073-126/c  
Sequence 126, Application US/09506073  
Patent No. 6410518  
GENERAL INFORMATION:  
APPLICANT: Montie, Brett P.  
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression  
FILE REFERENCE:  
CURRENT APPLICATION NUMBER: US/09/506,073  
EARLIER FILING DATE: 2000-02-18  
EARLIER APPLICATION NUMBER: US 09/143,214  
EARLIER FILING DATE: 1998-08-28  
EARLIER APPLICATION NUMBER: PCT/US98/13961  
EARLIER FILING DATE: 1998-07-06  
EARLIER APPLICATION NUMBER: US 08/888,982  
EARLIER FILING DATE: 1997-07-07  
EARLIER APPLICATION NUMBER: US 08/756,806  
EARLIER FILING DATE: 1996-11-26  
EARLIER APPLICATION NUMBER: PCT/US95/07111  
EARLIER FILING DATE: 1995-05-31  
EARLIER APPLICATION NUMBER: US 08/250,856  
EARLIER FILING DATE: 1994-05-31  
NUMBER OF SEQ ID NOS: 130  
SEQ ID NO 126  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial sequence  
FEATURE:  
OTHER INFORMATION: antisense sequence  
US-09-506-073-126

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5412 AAAATGAAATTAAGAAAT 5431  
DB 20 AAAAGAAAAATGAAACA 1

RESULT 266  
US-09-619-103-26  
Sequence 26, Application US/09619103  
Patent No. 6429300  
GENERAL INFORMATION:  
APPLICANT: Kurtz, Markus  
APPLICANT: Lohse, Peter  
APPLICANT: Wagner, Richard  
TITLE OF INVENTION: Peptide Acceptor Ligation Methods  
FILE REFERENCE: 50036/031002  
CURRENT APPLICATION NUMBER: US/09/619,103  
EARLIER FILING DATE: 2000-07-19  
CURRENT APPLICATION NUMBER: 60/145,834  
PRIOR FILING DATE: 1999-07-27  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 26  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: designed sequence for nucleic acid purification  
US-09-619-103-26

US-09-324-542-83

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412  
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 260

US-09-462-261-37/c  
Sequence 37, Application US/09462261  
Patent No. 6391636  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
TITLE OF INVENTION: Antisense Oligonucleotide  
Modulation of raf Gene Expression  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: Jane Massey Licata, Esq.  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: Pentium  
OPERATING SYSTEM: Windows 95  
SOFTWARE: WORDPERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/462,261  
FILING DATE: 01-Mar-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/756,806  
FILING DATE: No. 6391636ember 26, 1996  
APPLICATION NUMBER: PCT/US95/07111  
FILING DATE: May 31, 1995  
APPLICATION NUMBER: 08/250,856  
FILING DATE: May 31, 1994  
APPLICATION NUMBER: 08/888,982  
FILING DATE: July 7, 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0312  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 37:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
SEQUENCE DESCRIPTION: SEQ ID NO: 37:  
US-09-462-261-37

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5412 AAAATGAAATTAAGGATA 5431  
Db 20 AAAAGGAAATTAATGAACA 1

RESULT 261

US-09-588-950A-5/c

Sequence 5, Application US/09588950A

Patent No. 6393305  
GENERAL INFORMATION:  
APPLICANT: Makino, Yoshiniko  
APPLICANT: Abe, Yoshiniko  
APPLICANT: Ogawa, Masashi  
APPLICANT: Takagi, Makoto  
APPLICANT: Tanaka, Shigeori  
APPLICANT: Yamashita, Kenichi  
TITLE OF INVENTION: Protection of Partial Complementary Nucleic Acid Fragment Using ar  
FILE REFERENCE: US-Y-4980/500569, 20039  
CURRENT APPLICATION NUMBER: US/09/588,950A  
CURRENT FILING DATE: 2000-06-07  
PRIOR APPLICATION NUMBER: Japan 11-159339  
PRIOR FILING DATE: 1999-06-07  
NUMBER OF SEQ ID NOS: 9  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 5  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthesized  
US-09-588-950A-5

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412  
Db 20 AAAAAAAAAATMAAAAAAAA 1

RESULT 262

US-09-851-520-80/c  
Sequence 80, Application US/09851520  
Patent No. 6393379  
GENERAL INFORMATION:  
APPLICANT: Brenda P. Baker  
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 p35 SUBUNIT EXPRESSION  
FILE REFERENCE: RTS-0241  
CURRENT APPLICATION NUMBER: US/09/851,520  
CURRENT FILING DATE: 2001-05-07  
NUMBER OF SEQ ID NOS: 88  
SEQ ID NO 80  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-851-520-80

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2750 TGTGTGAGAAACAGCATG 2769  
Db 20 TGTGTGAGAAACAAACATG 1

RESULT 263

US-09-056-285A-27/c  
Sequence 27, Application US/09056285A  
Patent No. 6403307  
GENERAL INFORMATION:  
APPLICANT: Stone, Edwin M.  
APPLICANT: Sheffield, Val C.  
APPLICANT: Alward, Wallace H.M.  
APPLICANT: Fingert, John

OTHER INFORMATION: Description of Artificial Sequence: No. 6207819e1  
OTHER INFORMATION: Sequence  
US-09-075-1

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5412  
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 256  
US-09-173-936B-14/C  
Sequence 14, Application US/09173936B  
Patent No. 6238865

GENERAL INFORMATION:  
APPLICANT: Zhen, Huang; Szoetak, Jack W.  
TITLE OF INVENTION: A Simple and Efficient Method to Label and Modify 3'-  
Terminal  
of RNA Using DNA Polymerase and a Synthetic Template with D  
Nucleotides

NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Cohen, Pontani, Lieberman & Pavane  
STREET: 551 Fifth Avenue  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10176

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.50 Inch Diskette  
COMPUTER: IBM-MS  
OPERATING SYSTEM: Window 95  
SOFTWARE: Microsoft Word

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/173,936B  
FILING DATE: 16-Oct-1998  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/063,757  
FILING DATE: 17-Oct-1997

INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 14:  
US-09-173-936B-14

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5412  
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 257  
US-09-454-704A-13  
Sequence 13, Application US/09454704A  
Patent No. 6274321

GENERAL INFORMATION:  
APPLICANT: Blumberg, Bruce  
TITLE OF INVENTION: High Throughput Functional Screening of  
TITLE OF INVENTION: cDNAs  
FILE REFERENCE: P-UC 3662  
CURRENT APPLICATION NUMBER: US/09/454,704A  
CURRENT FILING DATE: 1999-12-03

NUMBER OF SEQ ID NOS: 14  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 13  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: cDNA  
US-09-454-704A-13

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5412  
DB 1 AAAAAAAAAAAAAAAAAA 20

RESULT 258  
US-09-488-856A-83  
Sequence 83, Application US/09488856A  
Patent No. 6316259

GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Robert McKay  
APPLICANT: Madeline M. Butler  
APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXP  
FILE REFERENCE: RTS-0115  
CURRENT APPLICATION NUMBER: US/09/488,856A  
CURRENT FILING DATE: 2000-01-21

NUMBER OF SEQ ID NOS: 88  
SEQ ID NO 83  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-488-856A-83

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4871 CTCAGTTCCTCTCTGCA 4890  
DB 1 CTCAGTTCCTCTCTGCTA 20

RESULT 259  
US-09-124-542-83  
Sequence 83, Application US/09324542  
Patent No. 6328978

GENERAL INFORMATION:  
APPLICANT: Watson, James D.  
APPLICANT: Tan, Paul L.J.  
APPLICANT: Prestidge, Ross

TITLE OF INVENTION: Methods and Compounds for the Treatment  
TITLE OF INVENTION: Of Immunologically-Mediated Skin Disorders  
FILE REFERENCE: 11000,1007c1  
CURRENT APPLICATION NUMBER: US/09/324,542  
CURRENT FILING DATE: 1999-06-02  
EARLIER APPLICATION NUMBER: US 08/997,080  
EARLIER FILING DATE: 1997-12-23

NUMBER OF SEQ ID NOS: 194  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 83  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Made in a lab

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4871 CTCAGTTCCTCTCTGCA 4890  
DB 1 CTCAGTTCCTCTCTGCTA 20

RESULT 259  
US-09-124-542-83  
Sequence 83, Application US/09324542  
Patent No. 6328978

GENERAL INFORMATION:  
APPLICANT: Watson, James D.  
APPLICANT: Tan, Paul L.J.  
APPLICANT: Prestidge, Ross

TITLE OF INVENTION: Methods and Compounds for the Treatment  
TITLE OF INVENTION: Of Immunologically-Mediated Skin Disorders  
FILE REFERENCE: 11000,1007c1  
CURRENT APPLICATION NUMBER: US/09/324,542  
CURRENT FILING DATE: 1999-06-02  
EARLIER APPLICATION NUMBER: US 08/997,080  
EARLIER FILING DATE: 1997-12-23

NUMBER OF SEQ ID NOS: 194  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 83  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Made in a lab

SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/095,855  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/705,347  
FILING DATE: 29-AUG-1996  
APPLICATION NUMBER: 08/873,970  
FILING DATE: 12-JUN-1997  
APPLICATION NUMBER: 08/997,362  
FILING DATE: 23-DEC-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Sleach, Janet  
REGISTRATION NUMBER: 37,007  
REFERENCE/DOCKET NUMBER: 11000,1002c3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 206-269-0565  
TELEFAX: 206-269-0563  
TELEX:  
INFORMATION FOR SEQ ID NO: 83:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other  
US-09-095-855-83

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAGAAA 5412  
Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 253  
US-09-407-675-1  
Sequence 1, Application US/09407675  
Patent No. 6169176  
GENERAL INFORMATION:  
APPLICANT: Brulice, Thomas C.  
TITLE OF INVENTION: DEOXYNUCLEIC ALKYL THIOURBA COMPOUNDS AND USES THEREOF  
FILE REFERENCE: 30448,65U02  
CURRENT APPLICATION NUMBER: US/09/407,675  
CURRENT FILING DATE: 1999-09-28  
PRIOR APPLICATION NUMBER: 09/347,443  
PRIOR FILING DATE: 1999-07-02  
PRIOR APPLICATION NUMBER: 60/091,481  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/111,800  
PRIOR FILING DATE: 1998-12-11  
NUMBER OF SEQ ID NOS: 5  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 1  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Oligo 1  
US-09-407-675-1

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAGAAA 5412  
Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 254  
US-08-569-147-10  
Sequence 10, Application US/08569147  
Patent No. 6180377  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: HUMANISED ANTIBODIES  
NUMBER OF SEQUENCES: 95  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Woodcock Washburn Kurtz Mackiewicz &  
ADDRESSER: No. 6180377's, LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (BPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/569,147  
FILING DATE: 25-March-1996  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Trujillo, Doreen Yalco  
REGISTRATION NUMBER: 35,719  
REFERENCE/DOCKET NUMBER: CARP-0047  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-569-147-10

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1272 CCACGACGACCCATGGAGC 1291  
Db 1 CCACGACGACGATGATCC 20

RESULT 255  
US-09-250-075-1/C  
Sequence 1, Application US/09250075  
Patent No. 6207819  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of  
FILE REFERENCE: ISIS3299  
CURRENT APPLICATION NUMBER: US/09/250,075  
CURRENT FILING DATE: 1999-02-12  
NUMBER OF SEQ ID NOS: 12  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 1  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (1)-(19)  
OTHER INFORMATION: 2'-methoxyethoxy (MOE)

RESULT 250  
US-08-765-340-84/C  
Sequence 84, Application US/08765340  
Patent No. 6150092  
GENERAL INFORMATION:  
APPLICANT: UCHIDA, K.,  
APPLICANT: UCHIDA, T.,  
APPLICANT: TANAKA, Y.,  
APPLICANT: MATSUDA, Y.,  
APPLICANT: KONDO, S.,  
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID  
TITLE OF INVENTION: COMPOUND  
NUMBER OF SEQUENCES: 185  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/765,340  
FILING DATE: 23-DEC-1996  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: JP 145146/94  
FILING DATE: 27-JUN-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 311130/94  
FILING DATE: 21-NOV-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: SERUNIAN, LESLIE  
REGISTRATION NUMBER: 35,353  
REFERENCE/DOCKET NUMBER: 1452-4005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 751-6849  
TELEFAX: (212) 751-6849  
INFORMATION FOR SEQ ID NO: 84:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "synthetic DNA"  
US-08-765-340-84  
Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
CY 4398 GAAAGACAGAAAGATGACA 4417  
DB 20 GCAAGACAGAAAGAAATGTGA 1  
RESULT 251  
US-08-765-340-96/C  
Sequence 96, Application US/08765340  
Patent No. 6150092  
GENERAL INFORMATION:  
APPLICANT: UCHIDA, K.,  
APPLICANT: UCHIDA, T.,  
APPLICANT: TANAKA, Y.,  
APPLICANT: MATSUDA, Y.,  
APPLICANT: KONDO, S.,  
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID

TITLE OF INVENTION: COMPOUND  
NUMBER OF SEQUENCES: 185  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/765,340  
FILING DATE: 23-DEC-1996  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: JP 145146/94  
FILING DATE: 27-JUN-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 311130/94  
FILING DATE: 21-NOV-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: SERUNIAN, LESLIE  
REGISTRATION NUMBER: 35,353  
REFERENCE/DOCKET NUMBER: 1452-4005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 751-6849  
TELEFAX: (212) 751-6849  
INFORMATION FOR SEQ ID NO: 96:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "synthetic DNA"  
US-08-765-340-96  
Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
CY 5393 AAAAAATACAAAAAGAAA 5412  
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1  
RESULT 252  
US-09-095-855-83  
Sequence 83, Application US/09095855  
Patent No. 6160093  
GENERAL INFORMATION:  
APPLICANT: Tan, Paul  
APPLICANT: Visser, Elizabeth  
APPLICANT: Skinner, Margot  
APPLICANT: Prestidge, Ross  
TITLE OF INVENTION: Compounds and Methods for  
TITLE OF INVENTION: Treatment and Diagnosis of Mycobacterial Infections  
NUMBER OF SEQUENCES: 208  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Ann W. Speckman  
STREET: 2601 Elliott Avenue, Suite 4185  
CITY: Seattle  
STATE: WA  
COUNTRY: USA  
ZIP: 98121  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM compatible  
OPERATING SYSTEM: DOS

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/873.970
; FILING DATE: June 12, 1997
; APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/705.347
; FILING DATE: August 29, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sleath, Janet
; REGISTRATION NUMBER: 37,007
; REFERENCE/DOCKET NUMBER: 11000.1002c2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-269-0565
; TELEFAX: 206-269-0563
; TELEX:
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; US-08-997-362-83

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5412
Db      1 AAAAAAAAAAAAAAAAAA 20

RESULT 248
US-08-965-780-1/c
; Sequence 1, Application US/08965780
; GENERAL INFORMATION:
; APPLICANT: Pilsch, Stefan
; APPLICANT: Weiss, Patrick A.
; APPLICANT: Jenny, Iuzi
; TITLE OF INVENTION: RIBONUCLEOSIDE-DERIVATIVE AND METHOD FOR
; TITLE OF INVENTION: PREPARING THE SAME
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KUBOVCIK & KUBOVCIK
; STREET: 900 17th Street, N.W., Suite 990
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/965,780
; FILING DATE: 07-NOV-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: CH 01931/97
; FILING DATE: 18-AUG-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Kubovcik, Ronald J.
; REGISTRATION NUMBER: 25,401
; REFERENCE/DOCKET NUMBER: PREI-002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-887-9023
; TELEFAX: 202-887-9093
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
```

```

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligoribonucleotide"
; US-08-965-780-1

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5412
Db      20 AAAAAAAAAAAAAAAAAA 1

RESULT 249
US-08-873-970-83
; Sequence 83, Application US/08873970
; Patent No. 6001361
; GENERAL INFORMATION:
; APPLICANT: Tan, Paul
; APPLICANT: Hiyama, Jun
; APPLICANT: Visser, Elizabeth
; APPLICANT: Skinner, Margot
; APPLICANT: Scott, Linda
; APPLICANT: Prestidge, Ross
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Ann W. Speckman
; STREET: 2601 Elliott Avenue, Suite 4185
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/873,970
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/705,347
; FILING DATE: 29-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sleath, Janet
; REGISTRATION NUMBER: 37,007
; REFERENCE/DOCKET NUMBER: 11000.1002c1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-269-0565
; TELEFAX: 206-269-0563
; TELEX:
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; US-08-873-970-83

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5412
Db      1 AAAAAAAAAAAAAAAAAA 20
```

Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 245  
US-08-997-080-83  
Sequence 83, Application US/08997080  
Patent No. 5968524  
GENERAL INFORMATION:  
APPLICANT: WATSON, JAMES D.  
APPLICANT: TAN, PAUL L.U.  
TITLE OF INVENTION: METHODS AND COMPOUNDS FOR THE TREATMENT OF IMMUNOLOGICALLY-  
NUMBER OF SEQUENCES: 194  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Ann W. Speckman  
STREET: 2601 Elliott Avenue, Suite 4185  
CITY: Seattle  
STATE: WA  
COUNTRY: USA  
ZIP: 98121  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/997,080  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Sleath, Janet  
REGISTRATION NUMBER: 37,007  
REFERENCE/DOCKET NUMBER: 11000.1007  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 206-269-0565  
TELEFAX: 206-269-0563  
TELEX:  
INFORMATION FOR SEQ ID NO: 83:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other  
US-08-997-080-83

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATACAAAAAGAAA 5412  
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 246  
US-08-888-982A-37/C  
Sequence 37, Application US/08888982A  
Patent No. 5981731  
GENERAL INFORMATION:  
APPLICANT: Brett P. Nonia  
TITLE OF INVENTION: Antisense Oligonucleotide Modulation  
TITLE OF INVENTION: of raf Gene Expression  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jane Massey Licata, Esq.  
STREET: 66 East Main Street  
CITY: Marilton  
STATE: NJ  
COUNTRY: USA

ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM 486  
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/888,982A  
FILING DATE: Herewith  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/756,806  
FILING DATE: No. 5981731ember 26, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/07111  
FILING DATE: May 31, 1995  
PRIOR APPLICATION DATA: 08/250,856  
APPLICATION NUMBER: 08/250,856  
FILING DATE: May 31, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0212  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 37:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-888-982A-37

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5412 AAAAAATTAAGAAATTA 5431  
Db 20 AAAAAATTAATTAAGACA 1

RESULT 247  
US-08-997-362-83  
Sequence 83, Application US/08997362  
Patent No. 5985287  
GENERAL INFORMATION:  
APPLICANT: Tan, Paul  
APPLICANT: Hiyama, Jun  
APPLICANT: Visser, Elizabeth  
APPLICANT: Skinner, Margot  
APPLICANT: Scott, Linda  
APPLICANT: Presidige, Ross  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR  
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS  
NUMBER OF SEQUENCES: 194  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Ann W. Speckman  
STREET: 2601 Elliott Avenue, Suite 4185  
CITY: Seattle  
STATE: WA  
COUNTRY: USA  
ZIP: 98121  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/997,362  
FILING DATE:

CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10174-6401  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/525,697  
FILING DATE: 21-SEP-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Harrington, James J.  
REGISTRATION NUMBER: 38,711  
REFERENCE/DOCKET NUMBER: 4004,204-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DK 0486/93  
FILING DATE: 30-APR-1993  
CLASSIFICATION: 435  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-525-697-10

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 39 CAGCAGCCCGGGGCTCCACT 58  
Db 1 CAGCAGCTCGGGGCTGCACT 20

RESULT 243  
US-08-379-593-5/c  
Sequence 5, Application US/08379593  
Patent No. 5849480  
GENERAL INFORMATION:  
APPLICANT: Cros, Philippe  
APPLICANT: Kurfurst, Robin  
APPLICANT: Battail, Nicole  
TITLE OF INVENTION: HAPTEN ASSAY DEVICE AND USE THEREOF  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSER: OLIF & BERRIDGE  
STREET: 700 South Washington Street, Suite 300  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: USA  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Floppy disk, 1.44M storage  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/379,593  
FILING DATE: 02-FEB-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Berridge, William P.  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 36056  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 703-836-6400  
TELEFAX: 703-836-2787  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "SYNTHETIC DNA"  
FEATURE:  
OTHER INFORMATION: consists of nucleosides with an alpha anomer and carries  
US-08-379-593-5

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAA 5412  
Db 20 AAAAAAAAAAAAAAAAAA 1

RESULT 244  
US-08-725-976-16/c  
Sequence 16, Application US/08725976  
Patent No. 5929208  
GENERAL INFORMATION:  
APPLICANT: Heller, Michael J. and Tu, Eugene  
TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM compatible  
OPERATING SYSTEM: WINDOWS (VERSION 3.0)  
SOFTWARE: WordPerfect (Version 6.0)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/725,976  
FILING DATE: October 4, 1996  
CLASSIFICATION: 422  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/146,504  
FILING DATE: No. 5929208ember 1, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Murphy, David B.  
REGISTRATION NUMBER: 31,125  
REFERENCE/DOCKET NUMBER: 222/211  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-725-976-16

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAA 5412



REFERENCE/DOCKET NUMBER: UPAP-0191  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3429  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
PCT-US95-16206A-34

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 3.7e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCCTACAGCCGACCA 1277  
DB 18 AGCCACAGCCGACCA 2

RESULT 240  
US-08-457-273B-31/C  
Sequence 31, Application US/08457273B  
Patent No. 5849995  
GENERAL INFORMATION:  
APPLICANT: Hayden, Michael  
APPLICANT: Lin, Biaoyang  
APPLICANT: Nasir, Jamal  
TITLE OF INVENTION: Mouse Model for Huntington's Disease and  
TITLE OF INVENTION: Related DNA Sequences  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Virginia Bennett  
STREET: PO Box 37428  
CITY: Raleigh  
STATE: No. 5849995ch Carolina  
COUNTRY: US  
ZIP: 27627  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/457,273B  
FILING DATE:  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: Bennett, Virginia C  
REGISTRATION NUMBER: 37,092  
REFERENCE/DOCKET NUMBER: 3477-85A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919-854-1400  
TELEFAX: 919-854-1401  
INFORMATION FOR SEQ ID NO: 31:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-457-273B-31

Query Match 0.3%; Score 15.4; DB 1; Length 22;  
Best Local Similarity 94.1%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5395 AAAAATACAAAAGAA 5411  
DB 20 AAAAATACAAAAGAA 4

RESULT 241  
US-08-146-504-16/C  
Sequence 16, Application US/08146504  
Patent No. 5605662  
GENERAL INFORMATION:  
APPLICANT: Heller, Michael J.; and Tu, Eugene  
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING  
TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND DEVICES FOR  
TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS AND  
TITLE OF INVENTION: DIAGNOSTICS  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 611 West Sixth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90017  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
COMPUTER: IBM compatible  
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
SOFTWARE: Wordperfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/146,504  
FILING DATE: No. 5605662ember 1, 1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 203/218  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-146-504-16

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAATACAAAAGAA 5412  
DB 20 AAAAATACAAAAGAA 1

RESULT 242  
US-08-525-697-10  
Sequence 10, Application US/08525697  
Patent No. 5795764  
GENERAL INFORMATION:  
APPLICANT: Christgau, Stephan  
APPLICANT: Andersen, Lene N  
APPLICANT: Kauppinen, Sakari  
APPLICANT: Heidt-Hansen, Hans P  
APPLICANT: Dalboe, Henrik  
TITLE OF INVENTION: AN ENZYME EXHIBITING MANNANASE ACTIVITY  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 5795764o No. 5795764disk of No. 5795764th America, Inc.  
STREET: 405 Lexington Avenue, 64th Floor

```
ATTORNEY/AGENT INFORMATION:
NAME: Frazer, Janis K.
REGISTRATION NUMBER: 34,819
REFERENCE/DOCKET NUMBER: 06765/003002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-506-859-31

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 2609 AGGGAGGAACCTGATG 2625
Db 3 AGGGAGGAACCAATG 19

RESULT 237
US-09-349-040A-10/C
Sequence 10, Application US/09349040A
Patent No. 6593466
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
APPLICANT: Mohan, Venkatarman
TITLE OF INVENTION: Functionalized Oligomers
FILE REFERENCE: ISIS-3811
CURRENT APPLICATION NUMBER: US/09/349, 040A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.0
SEQ ID NO 10
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: No. 6593466e1 Sequence
US-09-349-040A-10

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 1186 AGAGAGAGAGAAATC 1202
Db 18 AGAGAGAGAGAAATC 2

RESULT 238
PCT-US95-15428-31
Sequence 31, Application PC/TUS9515428
GENERAL INFORMATION:
APPLICANT: Letarte, Michelle
APPLICANT: Marchuk, Douglas A.
APPLICANT: McAllister, Kimberly
TITLE OF INVENTION: DIAGNOSIS OF AND THERAPY FOR
TITLE OF INVENTION: HEREDITARY HAEMORRHAGIC TELANGIECTASIA
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street Suite 3100
CITY: Boston
```

```
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/15428
FILING DATE: 29-NOV-1995
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/346,129
FILING DATE: 29-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Frazer, Janis K.
REGISTRATION NUMBER: 34,819
REFERENCE/DOCKET NUMBER: 06765/006001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US95-15428-31

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 2609 AGGGAGGAACCTGATG 2625
Db 3 AGGGAGGAACCAATG 19

RESULT 239
PCT-US95-16206A-34/C
Sequence 34, Application PC/TUS9516206A
GENERAL INFORMATION:
APPLICANT: Weiner, David B.
APPLICANT: Wang, Bin
APPLICANT: Ugen, Kenneth E.
TITLE OF INVENTION: Delivery of Nucleic Acid Molecules to Mucosal
TITLE OF INVENTION: Tissue
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris
STREET: One Liberty Place 46th Floor
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/16206A
FILING DATE: 15-DEC-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/357,398
FILING DATE: 16-DEC-1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,229
```

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6348449ris  
STREET: One Liberty Place 46th Floor  
CITY: Philadelphia  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/357,398A  
FILING DATE: 16-DEC-1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: UPAP-0114  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3429  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: DNA  
US-08-357-398A-34

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 3.7e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCCTACAGCCCA 1277  
DB 18 AGCCACAGCCCA 2

RESULT 234  
US-09-612-531-6/c  
Sequence 6, Application US/09612531  
Patent No. 6534639  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Prakash, Thazha P.  
TITLE OF INVENTION: Guadinium Functionalized Oligomers And Methods  
FILE REFERENCE: 1a18-4406  
CURRENT APPLICATION NUMBER: US/09/612,531  
CURRENT FILING DATE: 2000-07-07  
PRIOR APPLICATION NUMBER: 09/349,040  
PRIOR FILING DATE: 1999-07-07  
NUMBER OF SEQ ID NOS: 25  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 6  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: Oligonucleotide  
US-09-612-531-6

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 3.7e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAAATC 1202  
DB 18 AGAGAGAGAGAAATC 2

RESULT 235  
US-09-422-978-11559/c  
Sequence 11559, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marla  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET 020CP1  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 11559  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURES:  
NAME/KEY: primer\_bind  
LOCATION: 1..21  
OTHER INFORMATION: downstream amplification primer 99-9778 for SEQ 3694, in complemer  
US-09-422-978-11559

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 3.7e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2129 GGAAGGAAAACACCA 2145  
DB 20 GGAAGGAAAACACCA 4

RESULT 236  
US-09-506-859-31  
Sequence 31, Application US/09506859  
Patent No. 6562957  
GENERAL INFORMATION:  
APPLICANT: Letarte, Michelle  
APPLICANT: Marchuk, Douglas A.  
TITLE OF INVENTION: DIAGNOSIS OF AND THERAPY FOR  
TITLE OF INVENTION: HEREDITARY HAEMORRHAGIC TELANGIECTASIA  
NUMBER OF SEQUENCES: 41  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street Suite 3100  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30B  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/506,859  
FILING DATE: 28-SEP-1999  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/346,129  
FILING DATE: 29-NOV-1994

```
; Patent No. 6087485
; GENERAL INFORMATION:
; APPLICANT: Axy's Pharmaceuticals, Inc.
; TITLE OF INVENTION: Asthma Related Genes
; NUMBER OF SEQUENCES: 339
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bozicevic & Reed, LLP
; STREET: 285 Hamilton Ave, Suite 200
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/009,913
; FILING DATE: 21-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: 36,677
; REFERENCE/DOCKET NUMBER: SEQ-4P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3231
; TELEFAX: 650-327-3231
; TELEX:
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-009-913-56

Query Match      0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 84.1%; Pred. No. 3.7e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy      4891 ACAAGTCCATCGCTT 4909
Db      20 ACAAGTGCYCTCGCTT 2

RESULT 231
US-09-321-461-42/c
; Sequence 42, Application US/09321461
; Patent No. 6197755
; GENERAL INFORMATION:
; APPLICANT: Carrano, Richard A.
; TITLE OF INVENTION: Compositions and Methods for
; Delivery of Genetic Material
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; and No. 6197755r18
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 KB
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/321,461
```

```
; FILING DATE: 27-May-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/704,701
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: APOL-0186
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 42:
; US-09-321-461-42

Query Match      0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1261 AGCTACAGCCGCCA 1277
Db      18 AGCCAACAGCCGCCA 2

RESULT 232
US-08-853-980-11/c
; Sequence 11, Application US/08853980
; Patent No. 6225082
; GENERAL INFORMATION:
; APPLICANT: Carson, John H.
; APPLICANT: Kwon, Sunjong
; APPLICANT: Aigner, Kevin
; APPLICANT: Avossa, Daniel
; TITLE OF INVENTION: MYELIN BASIC PROTEIN mRNA TRANSPORT AND TRANSLATION
; FILE REFERENCE: RCT
; CURRENT APPLICATION NUMBER: US/08/853,980
; CURRENT FILING DATE: 1997-05-09
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: bovine NOS
; US-08-853-980-11

Query Match      0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      81 CTGCTCGGCGTCCTC 97
Db      20 CTGCTCGTGCCTC 4

RESULT 233
US-08-357-398A-34/c
; Sequence 34, Application US/08357398A
; Patent No. 6348449
; GENERAL INFORMATION:
; APPLICANT: Weiner, David B.
; APPLICANT: Wang, Bin
; APPLICANT: Ugen, Kenneth E.
; TITLE OF INVENTION: Methods of Inducing Mucosal Immunity
; NUMBER OF SEQUENCES: 40
```

APPLICATION NUMBER: 08/124,962  
FILING DATE: 21-SEP-1993  
PRIOR APPLICATION DATA: 08/093,235  
APPLICATION NUMBER: 08/093,235  
FILING DATE: 15-JUL-1993  
PRIOR APPLICATION DATA: 08/029,336  
APPLICATION NUMBER: 08/029,336  
FILING DATE: 11-MAR-1993  
PRIOR APPLICATION DATA: 08/008,342  
APPLICATION NUMBER: 08/008,342  
FILING DATE: 26-JAN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: UPAP-0253  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3429  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-979-385B-46

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 3.7e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCCTACAGCCACCA 1277  
DB 18 AGCCAAAGCCCA 2

RESULT 228  
US-08-564-496C-31  
Sequence 31, Application US/08564496C  
Patent No. 6022687  
GENERAL INFORMATION:  
APPLICANT: Letarte, Michelle  
APPLICANT: Marchuk, Douglas A.  
APPLICANT: McAllister, Kimberly  
TITLE OF INVENTION: DIAGNOSIS OF AND THERAPY FOR  
TITLE OF INVENTION: HEREDITARY HAEMORRHAGIC TELANGIECTASIA  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: FASTSEQ for Windows Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/564,496C  
FILING DATE: 29-NOV-1995  
PRIOR APPLICATION DATA: 08/346,129  
APPLICATION NUMBER: 08/346,129  
FILING DATE: 29-NOV-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Fraser, Ph.D., J.D., Janie K.  
REGISTRATION NUMBER: 34,819  
REFERENCE/DOCKET NUMBER: 06765/006001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617/542-5070  
TELEFAX: 617/542-8906  
TELEX: 200154

INFORMATION FOR SEQ ID NO: 31:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
US-08-564-496C-31

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 3.7e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2609 AGGAGAGAACTGATG 2625  
DB 3 AGGAGAGAACTGATG 19

RESULT 229  
US-09-285-957-21  
Sequence 21, Application US/09285957  
Patent No. 6033823  
GENERAL INFORMATION:  
APPLICANT: VAN DER LAAN, Jan Wetske  
APPLICANT: RIEMENS, Adriana Martina  
APPLICANT: QUAX, Wilhelmus Johannes  
TITLE OF INVENTION: Mutated Penicillin G Acylase Genes  
NUMBER OF SEQUENCES: 36  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive  
CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/285,957  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA: 08/793,229  
APPLICATION NUMBER: 08/793,229  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
REFERENCE/DOCKET NUMBER: 97075  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312)913-0001  
TELEFAX: (312)913-0002  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-09-285-957-21

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 3.7e+02;  
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3967 GGGCTCTGCTGACATCAAG 3987  
DB 1 GGGVCACTGCTGGGCTCAAG 21

RESULT 230  
US-09-009-913-56/C  
Sequence 56, Application US/09009913

QY 1261 AGCCTACAGCCCA 1277  
Db 18 AGCCACAGCCCA 2

## RESULT 225

US-08-793-229-21  
Sequence 21, Application US/08793229  
Patent No. 5891703  
GENERAL INFORMATION:  
APPLICANT: VAN DER LAAN, Jan Metske  
APPLICANT: RIEMENS, Adriana Marina  
APPLICANT: QUAX, Wilhelmus Johannes  
TITLE OF INVENTION: Mutated Penicillin G Acylase Genes  
NUMBER OF SEQUENCES: 36  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive  
CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/793,229  
FILING DATE: 23-APR-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/EP95/03249  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
REFERENCE/DOCKET NUMBER: 97075  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312)913-0001  
TELEFAX: (312)913-0002  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-08-793-229-21

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 3.7e+02;  
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3967 GGGGCTGCTGGACATCAAG 3987  
Db 1 GGGVCACTGCTGGGCTCAAG 21

## RESULT 226

US-08-704-701-42/c  
Sequence 42, Application US/08704701  
Patent No. 5962428  
GENERAL INFORMATION:  
APPLICANT: Carrano, Richard A.  
TITLE OF INVENTION: Compositions and Methods for  
TITLE OF INVENTION: Delivery of Genetic Material  
NUMBER OF SEQUENCES: 48  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz  
ADDRESSER: and No. 5962428 is  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.

ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 720 Kb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/704,701  
FILING DATE: 16-SEP-1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/221,579  
FILING DATE: 01-APR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: APOL-0186  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 42:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-704-701-42

Query Match 0.3%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 3.7e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCCTACAGCCCA 1277  
Db 18 AGCCACAGCCCA 2

## RESULT 227

US-08-979-385B-46/c  
Sequence 46, Application US/08979385B  
Patent No. 5981505  
GENERAL INFORMATION:  
APPLICANT: Weiner, David B.  
APPLICANT: Williams, William V.  
TITLE OF INVENTION: Compositions and Methods for Delivery of  
NUMBER OF SEQUENCES: 52  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5981505 is  
STREET: One Liberty Place 46th Floor  
CITY: Philadelphia  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25 mb-MD/JAF  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/979,385B  
FILING DATE: 26-NOV-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/495,684  
FILING DATE: 28-SEP-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/00899  
FILING DATE: 26-JAN-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/125,012  
FILING DATE: 21-SEP-1993  
PRIOR APPLICATION DATA:

```

; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: chlamydia and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2624
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; US-09-198-452A-2624

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 604 CTGCCATTAAGCGCA 620
DB 3 CTGCTCATTAAGCGCA 19

RESULT 222
US-09-187-330-9
; Sequence 9, Application US/09187330
; Patent No. 6613740
; GENERAL INFORMATION:
; APPLICANT: Gozes, Iliana
; APPLICANT: Breneman, Douglas E.
; APPLICANT: Baassan, Merav
; APPLICANT: Zamosciani, Rachel
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by the Secretary of the
; TITLE OF INVENTION: Activity Dependent Neurotrophic Factor III (ADNF III)
; FILE REFERENCE: 015280-291200US
; CURRENT APPLICATION NUMBER: US/09/187,330
; CURRENT FILING DATE: 1998-11-06
; EARLIER APPLICATION NUMBER: US 60/037,404
; EARLIER FILING DATE: 1997-02-07
; EARLIER APPLICATION NUMBER: WO PCT/US98/02485
; EARLIER FILING DATE: 1998-02-06
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: sense primer
; OTHER INFORMATION: (bases 71-90) for amplification of ADNF III cDNA
; US-09-187-330-9

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3305 ACCTGACGAGAACAC 3321
DB 1 ACCTGACGAGAACAC 17

RESULT 223
US-09-033-936-7/c
; Sequence 7, Application US/09033936
; Patent No. 6632976
; GENERAL INFORMATION:
; APPLICANT: TOMIZUKA, KAZUMA
; APPLICANT: YOSHIDA, HITOSHI
; APPLICANT: HANAOKA, KAZUNORI
; APPLICANT: OSHIMURA, MITSUO
; APPLICANT: ISHIDA, ISAO
```

```

; TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
; FILE REFERENCE: 081356/0114
; CURRENT APPLICATION NUMBER: US/09/033,936
; CURRENT FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: PCT/J96/02427
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; US-09-033-936-7

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 865 GCAGTGCTATGCCCCG 881
DB 20 GCACTGCTATGCCCCG 4

RESULT 224
US-08-221-579A-42/c
; Sequence 42, Application US/08221579A
; Patent No. 573918
; GENERAL INFORMATION:
; APPLICANT: Carrano, Richard A.
; TITLE OF INVENTION: Compositions and Methods for
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; ADDRESS: and No. 5739181818
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,579A
; FILING DATE: 01-APR-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: APOL-0186
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-221-579A-42

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

;;  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CELL GENESYS, INC.  
; STREET: 322 LAKESIDE DRIVE  
; CITY: FOSTER CITY  
; STATE: CALIFORNIA  
; COUNTRY: USA  
; ZIP: 94404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/266,596  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/517,488  
; FILING DATE: 21-AUG-1995  
; APPLICATION NUMBER: US 08/258,152  
; FILING DATE: 10-JUN-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/076,299  
; FILING DATE: 11-JUN-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: KRUPEN, KAREN I.  
; REGISTRATION NUMBER: 34,647  
; REFERENCE/DOCKET NUMBER: CELL 13.3  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-358-9600 X131  
; TELEFAX: 415-349-7392  
; INFORMATION FOR SEQ ID NO: 42:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; US-09-266-596-42  
  
Query Match 0.3%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 3.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4821 CACGAGCCTTGACCT 4837  
Db 19 CACGAGCCTTGACCT 3

RESULT 219  
US-09-487-445-168/c  
; Sequence 168, Application US/09487445  
; Patent No. 6258600  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION  
; FILE REFERENCE: RTS-0107  
; CURRENT APPLICATION NUMBER: US/09/487,445  
; NUMBER OF SEQ ID NOS: 176  
; SEQ ID NO 168  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; OTHER INFORMATION: Antisense Oligonucleotide  
; US-09-487-445-168

Query Match 0.3%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 3.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3175 CTTTGCCAGAGACTGAG 3191  
Db 19 CTTTGCCAGAGACTGAG 3

RESULT 220  
US-09-944-411-42/c  
; Sequence 42, Application US/09944411  
; Patent No. 6506604  
; GENERAL INFORMATION:  
; APPLICANT: FINER, MITCHELL H.  
; DULL, THOMAS J.  
; ZSEBO, KRISZTINA M.  
; COOKE, KESGAN  
; FARSON, DEBORAH A.  
; TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER  
; OF MAMMALIAN CELLS  
; VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION  
; OR MAMMALIAN CELLS  
; NUMBER OF SEQUENCES: 48  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CELL GENESYS, INC.  
; STREET: 322 LAKESIDE DRIVE  
; CITY: FOSTER CITY  
; STATE: CALIFORNIA  
; COUNTRY: USA  
; ZIP: 94404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/944,411  
; FILING DATE: 04-Sep-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/914,893  
; FILING DATE: <Unknown>  
; APPLICATION NUMBER: US 08/258,152  
; FILING DATE: 10-JUN-1994  
; APPLICATION NUMBER: US 08/076,299  
; FILING DATE: 11-JUN-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: KRUPEN, KAREN I.  
; REGISTRATION NUMBER: 34,647  
; REFERENCE/DOCKET NUMBER: CELL 13.3  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-358-9600 X131  
; TELEFAX: 415-349-7392  
; INFORMATION FOR SEQ ID NO: 42:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; SEQUENCE DESCRIPTION: SEQ ID NO: 42:  
; US-09-944-411-42  
  
Query Match 0.3%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 3.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4821 CACGAGCCTTGACCT 4837  
Db 19 CACGAGCCTTGACCT 3

RESULT 221  
US-09-198-452A-2624  
; Sequence 2624, Application US/09198452A  
; Patent No. 6559294  
; GENERAL INFORMATION:



TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..19  
PCT-US94-09350-9

Query Match 0.3%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 3.3e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4066 TTCGAATGGCCACTT 4082  
DB 18 TTCACATGGCCACTT 2

RESULT 216  
PCT-US94-09350-10  
Sequence 10, Application PC/TUS9409350  
GENERAL INFORMATION:  
APPLICANT: THE SCRIPPS RESEARCH INSTITUTE  
TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-KB  
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Spensley Horn Judas & Lubitz  
STREET: 1880 Century Park East - Suite 500  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/09350  
FILING DATE: 19-AUG-1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Tumarkin Ph. D., Lisa A.  
REGISTRATION NUMBER: P-38,347  
REFERENCE/DOCKET NUMBER: FD-3758  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..19  
PCT-US94-09350-10

Query Match 0.3%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 3.3e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 4066 TTCGAATGGCCACTT 4082  
|||||

DB 2 TTCACATGGCCACTT 18

RESULT 217  
US-08-222-177A-55  
Sequence 55, Application US/08222177A  
Patent No. 5582979  
GENERAL INFORMATION:  
APPLICANT: Weber, James L.  
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
TITLE OF INVENTION: (dc-da)n. (dg-dt)n SEQUENCES AND METHODS OF USING SAME  
NUMBER OF SEQUENCES: 460  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Demilt Rose & Stevens, S.C.  
STREET: 8000 Excelsior Drive, Suite 401  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: USA  
ZIP: 53717-1914  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/222,177A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/341,562  
FILING DATE: 21-APR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 09865,601  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 831-2100  
TELEFAX: (608) 831-2106  
TELEX:  
INFORMATION FOR SEQ ID NO: 55:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
IMMEDIATE SOURCE:  
CLONE: mtdip2  
US-08-222-177A-55

Query Match 0.3%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 3.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4764 ACTCTGGAGAGGCA 4780  
DB 4 ACTCTGGAGAGGCA 20

RESULT 218  
US-09-266-596-42/C  
Sequence 42, Application US/09266596  
Patent No. 6218187  
GENERAL INFORMATION:  
APPLICANT: FINER, MITCHELL H.  
APPLICANT: DULL, THOMAS J.  
APPLICANT: ZSEBO, KRISZTINA M.  
APPLICANT: COOKE, KEEGAN  
APPLICANT: PARSON, DEBORAH A.  
TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER  
TITLE OF INVENTION: VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION  
TITLE OF INVENTION: OF MAMMALIAN CELLS  
NUMBER OF SEQUENCES: 48

```

; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/110,161A
; FILING DATE: 20-AUG-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Tumarkin Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: PD-2981
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..19
;
US-08-110-161A-9
;
Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4066 TTCCAAATGCCCCACTT 4082
DB 18 TTCCACATGCCCCACTT 2

RESULT 213
; US-08-110-161A-10
; Sequence 10, Application US/08110161A
; Patent No. 6498147
; GENERAL INFORMATION:
; APPLICANT: Nerenberg, Michael I.
; APPLICANT: Kitajima, Isaac
; TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-XB
; TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East - Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/110,161A
; FILING DATE: 20-AUG-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Tumarkin Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: PD-2981
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)

```

```

; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..19
;
US-08-110-161A-10
;
Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4066 TTCCAAATGCCCCACTT 4082
DB 2 TTCCACATGCCCCACTT 18

RESULT 214
; US-09-696-791-3888/c
; Sequence 3888, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3888
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: PCNA HH ribozyme binding site
;
US-09-696-791-3888
;
Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2328 CACCTCTTGAGATGG 2344
DB 19 CACCTCTTGAGATGG 3

RESULT 215
; PCT-US94-09350-9/c
; Sequence 9, Application PC/TUS9409350
; GENERAL INFORMATION:
; APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
; TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-XB
; TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East - Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/09350
; FILING DATE: 19-AUG-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Tumarkin Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: PD-3758

```

OTHER INFORMATION: downstream amplification primer 99-8226 for SEQ 3636, in complement  
US-09-422-978-11501

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 3.3e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2436 GGATGAGAGGGGAGAG 2452  
DB 2 GGATGAGAGGGGAGAG 18

RESULT 210  
US-08-052-997-17  
Sequence 17, Application US/08052997  
Patent No. 5556786  
GENERAL INFORMATION:  
APPLICANT: Kere, Juba  
APPLICANT: Schlessinger, David  
APPLICANT: de la Chapelle, Albert  
TITLE OF INVENTION: ANHIDROTIC ECTODERMAL DYSPLASIA GENE  
TITLE OF INVENTION: AND METHOD OF DETECTING SAME  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: POPHAM HAIK SCHNOBICH & KAUFMAN, LTD.  
STREET: 1225 Eye Street N.W., Suite 1000  
CITY: Washington, D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/052,997  
FILING DATE: 27-APR-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: O'Shaughnessy, Brian P.  
REGISTRATION NUMBER: 32,747  
REFERENCE/DOCKET NUMBER: 9594/81-2189  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 289-1200  
TELEFAX: (202) 289-6674  
TEXT: 248516  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
IMMEDIATE SOURCE:  
CLONE: yeast artificial chromosome  
US-08-052-997-17  
Query Match 0.3%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 3.3e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 339 TTTCCTACCACTCCCC 355  
DB 2 TTTCCTACCACTCCACC 18  
RESULT 211  
US-08-684-672-17  
Sequence 17, Application US/08684672  
Patent No. 5700926

GENERAL INFORMATION:  
APPLICANT: KERE, Juba  
APPLICANT: SCHLESSINGER, David  
APPLICANT: de la CHAPELLE, Albert  
TITLE OF INVENTION: MOLECULAR CLONING OF THE ANHIDROTIC  
TITLE OF INVENTION: ECTODERMAL DYSPLASIA GENE  
NUMBER OF SEQUENCES: 36  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, L.L.P.  
STREET: P.O. Box 1404  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: United States  
ZIP: 22313-1404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/684,672  
FILING DATE: 22-JUL-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/052,997  
FILING DATE: 27-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: O'Shaughnessy, Brian P.  
REGISTRATION NUMBER: 32,747  
REFERENCE/DOCKET NUMBER: 030956-002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 836-6620  
TELEFAX: (703) 836-2021  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-684-672-17  
Query Match 0.3%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 3.3e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 339 TTTCCTACCACTCCCC 355  
DB 2 TTTCCTACCACTCCACC 18  
RESULT 212  
US-08-110-161A-9/C  
Sequence 9, Application US/08110161A  
Patent No. 6498147  
GENERAL INFORMATION:  
APPLICANT: Nerenberg, Michael I.  
APPLICANT: Kitajima, Isao  
TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-KB  
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Spensley Horn Jubs & Lubitz  
STREET: 1880 Century Park East - Suite 500  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

```
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-129
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY      1184 AAAGAGAGAGAGAGAAA 1200
Db      2 AAAGAGAGAGAGAGAGA 18
```

```
RESULT 206
US-09-158-695-5
Sequence 5, Application US/09158695
Patent No. 6379957
GENERAL INFORMATION:
APPLICANT: Johnston-Dow, Leslie
APPLICANT: Demeter, Lisa
APPLICANT: White, Camille B.
APPLICANT: Song, Kening
APPLICANT: Kohlenberger, Robert
APPLICANT: Conrad, Morgan
APPLICANT: Myers, Angela
TITLE OF INVENTION: No. 6379957e1 Methods for HIV Sequencing and Genotyping
FILE REFERENCE: 07414.0005
CURRENT APPLICATION NUMBER: US/09/158,695
CURRENT FILING DATE: 1998-09-21
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 18
TYPE: DNA
ORGANISM: HIV
US-09-158-695-5
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1261 AGCTACAGCCCAACCA 1277
Db      1 AGCCACAGCCCAACCA 17
```

```
RESULT 207
US-10-092-022-5
Sequence 5, Application US/10092022
Patent No. 6531588
GENERAL INFORMATION:
APPLICANT: Johnston-Dow, Leslie
APPLICANT: Demeter, Lisa
APPLICANT: White, Camille B.
APPLICANT: Song, Kening
APPLICANT: Kohlenberger, Robert
APPLICANT: Conrad, Morgan
APPLICANT: Myers, Angela
TITLE OF INVENTION: No. 6531588e1 Methods for HIV Sequencing and Genotyping
FILE REFERENCE: 07414.0005-01000
CURRENT APPLICATION NUMBER: US/10/092,022
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/158,695
PRIOR FILING DATE: 1998-09-21
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 18
TYPE: DNA
ORGANISM: HIV
US-10-092-022-5
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1261 AGCTACAGCCCAACCA 1277
Db      1 AGCCACAGCCCAACCA 17
```

```
RESULT 208
US-09-422-978-7215
Sequence 7215, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marca
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7215
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-2956 for SEQ 3281,
US-09-422-978-7215
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4871 CTCAGTTCTTCTCTCTG 4887
Db      1 CTCAGTTCTTCTCTCTG 17
```

```
RESULT 209
US-09-422-978-11501
Sequence 11501, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marca
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11501
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
```

NUMBER OF SEQ ID NOS: 6  
SOFTWARE: Word for Windows  
SEQ ID NO 5  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
NAME/KEY:  
LOCATION:  
OTHER INFORMATION: synthesized  
US-09-437-076-5

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGAG 1197  
DB 2 GAGAGAGAGAGAGAGAG 18

RESULT 202  
US-09-437-076-6/c  
Sequence 6, Application US/09437076  
Patent No. 6261779  
GENERAL INFORMATION:  
APPLICANT: Barber-Guillem, Emilio  
APPLICANT: Nelson, M. Bud  
TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form  
CURRENT FILING DATE: 1999-11-09  
EARLIER APPLICATION NUMBER:  
EARLIER FILING DATE:  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: word for windows  
SEQ ID NO 6  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
NAME/KEY:  
LOCATION:  
OTHER INFORMATION: synthesized  
US-09-437-076-6

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGGAAAGAGAGAGAGA 1196  
DB 18 AGAGAGAGAGAGAGAGA 2

RESULT 203  
US-09-496-694B-38  
Sequence 38, Application US/09496694B  
Patent No. 6335194  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Elizabeth J. Ackermann  
APPLICANT: Eric E. Swayze  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
FILE REFERENCE: ISPH-0439  
CURRENT APPLICATION NUMBER: US/09/496,694B  
CURRENT FILING DATE: 2000-02-02  
PRIOR APPLICATION NUMBER: 09/286,407  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 09/163,162  
PRIOR FILING DATE: 1998-09-29  
NUMBER OF SEQ ID NOS: 249

SEQ ID NO 38  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-496-694B-38

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAA 1200  
DB 1 AAAGAGAGAGAGAGAGA 17

RESULT 204  
US-09-496-694B-78  
Sequence 78, Application US/09496694B  
Patent No. 6335194  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Elizabeth J. Ackermann  
APPLICANT: Eric E. Swayze  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
FILE REFERENCE: ISPH-0439  
CURRENT APPLICATION NUMBER: US/09/496,694B  
CURRENT FILING DATE: 2000-02-02  
PRIOR APPLICATION NUMBER: 09/286,407  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 09/163,162  
PRIOR FILING DATE: 1998-09-29  
NUMBER OF SEQ ID NOS: 249  
SEQ ID NO 78  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-496-694B-78

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAA 1200  
DB 1 AAAGAGAGAGAGAGAGA 17

RESULT 205  
US-09-496-694B-129  
Sequence 129, Application US/09496694B  
Patent No. 6335194  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Elizabeth J. Ackermann  
APPLICANT: Eric E. Swayze  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
FILE REFERENCE: ISPH-0439  
CURRENT APPLICATION NUMBER: US/09/496,694B  
CURRENT FILING DATE: 2000-02-02  
PRIOR APPLICATION NUMBER: 09/286,407  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 09/163,162  
PRIOR FILING DATE: 1998-09-29  
NUMBER OF SEQ ID NOS: 249  
SEQ ID NO 129  
LENGTH: 18  
TYPE: DNA

US-08-408-011-51/c  
; Sequence 51, Application US/08408011  
; Patent No. 5928642  
; GENERAL INFORMATION:  
; APPLICANT: Primi, Daniele  
; TITLE OF INVENTION: Diagnosis and Treatment of  
; TITLE OF INVENTION: AIDS Onset  
; NUMBER OF SEQUENCES: 57  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Thomas E. Popovich, Thomas  
; ADDRESSEE: Popovich & Associates  
; STREET: 80 South 8th Street  
; CITY: Minneapolis  
; STATE: Minnesota  
; COUNTRY: USA  
; ZIP: 55402-2111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB  
; MEDIUM TYPE: Storage  
; COMPUTER: IBM Compatible Compaq Prolinea  
; OPERATING SYSTEM: MS-DOS Version 5  
; SOFTWARE: Microsoft Word for Windows  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/408,011  
; FILING DATE: 18-OCT-1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/973,485  
; FILING DATE: No. 5928642ember 9, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Thomas E. Popovich  
; REGISTRATION/DOCKET NUMBER: 30099  
; TELEPHONE: (612) 334-8991  
; TELEFAX: (612) 334-8994  
; INFORMATION FOR SEQ ID NO: 51:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 bases  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; MOLECULE TYPE: Other nucleic acid  
; MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor  
; MOLECULE TYPE: Va region)  
; HYPOTHETICAL: No  
; ORIGINAL SOURCE: Synthesized using  
; ORIGINAL SOURCE: oligonucleotide synthesis machine  
; PUBLICATION INFORMATION:  
; AUTHORS: Imberti, Luisa; Sottini,  
; AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,  
; TITLE: Selective Depletion in HIV Infection  
; TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences  
; JOURNAL: Science  
; VOLUME: 254  
; ISSUE: 5033  
; PAGES: 860-862  
; PUBLICATION DATE: No. 5928642ember 8, 1991  
; US-08-408-011-51

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4298 TTCGAGGAAGACTGAG 4314

Db 18 TTCAGAGGAAGACTGAG 2

RESULT 199  
US-09-163-162-29

; Sequence 29, Application US/09163162  
; Patent No. 6077709  
; GENERAL INFORMATION:  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Ackermann, Elizabeth J.  
; APPLICANT: Swayze, Eric E.  
; APPLICANT: Cowsett, Lex M.  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
; FILE REFERENCE: RTS-0008  
; CURRENT APPLICATION NUMBER: US/09/163,162  
; CURRENT FILING DATE: 1998-09-29  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 29  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
; US-09-163-162-29

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAA 1200

Db 1 AAAGAGAGAGAGAGAGA 17

RESULT 200  
US-09-286-407-29  
; Sequence 29, Application US/09286407A  
; Patent No. 6165788  
; GENERAL INFORMATION:  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Ackermann, Elizabeth J.  
; APPLICANT: Swayze, Eric E.  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
; FILE REFERENCE: ISPH-0349  
; CURRENT APPLICATION NUMBER: US/09/286,407A  
; CURRENT FILING DATE: 1999-04-05  
; NUMBER OF SEQ ID NOS: 48  
; SEQ ID NO 29  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
; US-09-286-407-29

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAA 1200

Db 1 AAAGAGAGAGAGAGAGA 17

RESULT 201  
US-09-437-076-5  
; Sequence 5, Application US/09437076  
; Patent No. 6261779  
; GENERAL INFORMATION:  
; APPLICANT: Barber-Guillem, Emilio  
; APPLICANT: Nelson, M. Bud  
; APPLICANT: Caetiro, Stephanie  
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form c  
; CURRENT APPLICATION NUMBER: US/09/437,076  
; CURRENT FILING DATE: 1999-11-09  
; EARLIER APPLICATION NUMBER:  
; EARLIER FILING DATE:

## RESULT 196

US-08-320-306-51/c  
Sequence 51, Application US/08320306  
Patent No. 5891623  
GENERAL INFORMATION:  
APPLICANT: Primi, Daniele  
TITLE OF INVENTION: Diagnosis and Treatment of  
TITLE OF INVENTION: AIDS Onset  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Thomas E. Popovich, Thomas  
ADDRESSEE: Popovich & Associates  
STREET: 80 South 8th Street  
CITY: Minneapolis  
STATE: Minnesota  
COUNTRY: USA  
ZIP: 55402-2111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible Compaq Prolinea  
COMPUTER: 4/66  
OPERATING SYSTEM: MS-DOS Version 5  
SOFTWARE: Microsoft Word for Windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/320,306  
FILING DATE: 06-OCT-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/973,485  
FILING DATE: No. 5891623ember 9, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Thomas E. Popovich  
REGISTRATION NUMBER: 30099  
REFERENCE/DOCKET NUMBER: 3678  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 334-8991  
TELEFAX: (612) 334-8994  
INFORMATION FOR SEQ ID NO: 51:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
MOLECULAR TYPE: Other nucleic acid  
MOLECULAR TYPE: (oligonucleotide useful in amplification of T Cell Receptor  
MOLECULAR TYPE: Va region)  
HYPOTHETICAL: No  
ORIGINAL SOURCE: Synthesized using  
ORIGINAL SOURCE: oligonucleotide synthesis machine  
PUBLICATION INFORMATION:  
AUTHORS: Imberti, Luisa; Sottini,  
AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,  
AUTHORS: Daniele  
TITLE: Selective Depletion in HIV Infection  
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences  
JOURNAL: Science  
VOLUME: 254  
ISSUE: 5033  
PAGES: 860-862  
PUBLICATION DATE: No. 5891623ember 8, 1991  
US-08-320-306-51

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 4298 TTCGAGGAACTGAG 4314  
DB 18 TTCGAGGAACTGAG 2

## RESULT 197

US-08-488-209B-51/c  
Sequence 51, Application US/08488209B  
Patent No. 5925513  
GENERAL INFORMATION:  
APPLICANT: Primi, Daniele  
TITLE OF INVENTION: Diagnosis and Treatment of  
TITLE OF INVENTION: AIDS Onset  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Thomas E. Popovich, Thomas  
ADDRESSEE: Popovich & Associates  
STREET: 80 South 8th Street  
CITY: Minneapolis  
STATE: Minnesota  
COUNTRY: USA  
ZIP: 55402-2111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible Compaq Prolinea  
COMPUTER: 4/66  
OPERATING SYSTEM: MS-DOS Version 5  
SOFTWARE: Microsoft Word for Windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,209B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/973,485  
FILING DATE: No. 5925513ember 9, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Thomas E. Popovich  
REGISTRATION NUMBER: 30099  
REFERENCE/DOCKET NUMBER: 3678  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 334-8991  
TELEFAX: (612) 334-8994  
INFORMATION FOR SEQ ID NO: 51:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
MOLECULAR TYPE: Other nucleic acid  
MOLECULAR TYPE: (oligonucleotide useful in amplification of T Cell Receptor  
MOLECULAR TYPE: Va region)  
HYPOTHETICAL: No  
ORIGINAL SOURCE: Synthesized using  
ORIGINAL SOURCE: oligonucleotide synthesis machine  
PUBLICATION INFORMATION:  
AUTHORS: Imberti, Luisa; Sottini,  
AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,  
AUTHORS: Daniele  
TITLE: Selective Depletion in HIV Infection  
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences  
JOURNAL: Science  
VOLUME: 254  
ISSUE: 5033  
PAGES: 860-862  
PUBLICATION DATE: No. 5925513ember 8, 1991  
US-08-488-209B-51

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 4298 TTCGAGGAACTGAG 4314  
DB 18 TTCGAGGAACTGAG 2

## RESULT 198

COUNTRY: U.S.A.  
ZIP: 19898  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/849,021  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/346,456  
FILING DATE: 28 NOVEMBER 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: FLOYD, LINDA AXAMETHY  
REGISTRATION NUMBER: 33,692  
REFERENCE/DOCKET NUMBER: BB-1064-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 302-892-8112  
TELEFAX: 302-992-7949  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-849-021-6

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 3e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAGAGAGAGAGAG 1197  
DB 17 GAGAGAGAGAGAGAG 1

RESULT 194  
US-09-371-772B-6931  
Sequence 6931, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Dan  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
FILE REFERENCE: MHHB00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 6931  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-6931

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3e+02;  
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 199 CCAACCCCATCTCCG 215  
DB 1 CCAACCCCACTCCG 17

RESULT 195  
US-08-488-212A-51/C  
Sequence 51, Application US/08488212A  
Patent No. 5665355  
GENERAL INFORMATION:  
APPLICANT: Primi, Daniele  
TITLE OF INVENTION: Diagnosis and Treatment of  
TITLE OF INVENTION: AIDS Onset  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Thomas E. Popovich, Thomas  
ADDRESSER: Popovich & Associates  
STREET: 80 South 8th Street  
CITY: Minneapolis  
STATE: Minnesota  
COUNTRY: USA  
ZIP: 55402-2111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible Compaq Prolinea  
COMPUTER: 4/66  
OPERATING SYSTEM: MS-DOS Version 5  
SOFTWARE: Microsoft Word for Windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,212A  
FILING DATE: 07-Jun-1995  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/973,485  
FILING DATE: No. 5665355member 9, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Thomas E. Popovich  
REGISTRATION NUMBER: 30099  
REFERENCE/DOCKET NUMBER: 3678  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 334-8991  
TELEFAX: (612) 334-8994  
INFORMATION FOR SEQ ID NO: 51:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: linear  
MOLECULE TYPE: Other nucleic acid  
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor  
MOLECULE TYPE: Va region)  
HYPOTHETICAL: No  
ORIGINAL SOURCE: Synthesized using  
ORIGINAL SOURCE: oligonucleotide synthesis machine  
PUBLICATION INFORMATION:  
AUTHORS: Imberti, Luisa; Scattini,  
AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,  
AUTHORS: Daniele  
TITLE: Selective Depletion in HIV Infection  
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences  
JOURNAL: Science  
VOLUME: 254  
ISSUE: 5033  
PAGES: 860-862  
PUBLICATION DATE: No. 5665355member 8, 1991  
US-08-488-212A-51

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4298 TTGGAAGAACTGGAG 4314  
DB 18 TTGGAAGAACTGGAG 2



STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-849-021-3

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 3e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAGAGAGAGAGA 1196  
DB 1 AGAGAGAGAGAGAGA 17

RESULT 191  
US-08-849-021-4  
Sequence 4, Application US/08849021  
Patent No. 5955276

GENERAL INFORMATION:  
APPLICANT: MORGANTE, MICHELE  
APPLICANT: VOGEL, JULIE M.  
TITLE OF INVENTION: COMPOUND MICROSATELLITE  
TITLE OF INVENTION: PRIMERS FOR THE  
TITLE OF INVENTION: DETECTION OF GENETIC  
TITLE OF INVENTION: POLYMORPHISMS  
NUMBER OF SEQUENCES: 89  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
ADDRESSEE: COMPANY  
STREET: 1007 MARKET STREET  
CITY: WILMINGTON  
STATE: DELAWARE  
COUNTRY: U.S.A.  
ZIP: 19898

COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/849,021  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/346,456  
FILING DATE: 28 NOVEMBER 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: FLOYD, LINDA AXAMETHY  
REGISTRATION NUMBER: 33,692  
REFERENCE/DOCKET NUMBER: BB-1064-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 302-892-8112  
TELEFAX: 302-992-7949

INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-849-021-4

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 3e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAGAGAGAGAGAG 1197  
DB 1 GAGAGAGAGAGAGAG 17

RESULT 192  
US-08-849-021-5/c

Sequence 5, Application US/08849021  
Patent No. 5955276  
GENERAL INFORMATION:  
APPLICANT: MORGANTE, MICHELE  
APPLICANT: VOGEL, JULIE M.

TITLE OF INVENTION: COMPOUND MICROSATELLITE  
TITLE OF INVENTION: PRIMERS FOR THE  
TITLE OF INVENTION: DETECTION OF GENETIC  
TITLE OF INVENTION: POLYMORPHISMS  
NUMBER OF SEQUENCES: 89  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
ADDRESSEE: COMPANY  
STREET: 1007 MARKET STREET  
CITY: WILMINGTON  
STATE: DELAWARE  
COUNTRY: U.S.A.  
ZIP: 19898

COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/849,021  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/346,456  
FILING DATE: 28 NOVEMBER 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: FLOYD, LINDA AXAMETHY  
REGISTRATION NUMBER: 33,692  
REFERENCE/DOCKET NUMBER: BB-1064-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 302-892-8112  
TELEFAX: 302-992-7949

INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-849-021-5

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 3e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAGAGAGAGAGA 1196  
DB 17 AGAGAGAGAGAGAGA 1

RESULT 193  
US-08-849-021-6/c  
Sequence 6, Application US/08849021  
Patent No. 5955276

GENERAL INFORMATION:  
APPLICANT: MORGANTE, MICHELE  
APPLICANT: VOGEL, JULIE M.  
TITLE OF INVENTION: COMPOUND MICROSATELLITE  
TITLE OF INVENTION: PRIMERS FOR THE  
TITLE OF INVENTION: DETECTION OF GENETIC  
TITLE OF INVENTION: POLYMORPHISMS  
NUMBER OF SEQUENCES: 89  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
ADDRESSEE: COMPANY  
STREET: 1007 MARKET STREET  
CITY: WILMINGTON  
STATE: DELAWARE

RESULT 192  
US-08-849-021-5/c

```

; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/576,290
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/776,971
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 7/343371
; FILING DATE: 28-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 8/59419
; FILING DATE: 15-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 8/211805
; FILING DATE: 12-AUG-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 8/246573
; FILING DATE: 18-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Conlin, David G.
; REGISTRATION NUMBER: 27,026
; REFERENCE/DOCKET NUMBER: 47176
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-523-3400
; TELEFAX: 617-523-6440
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
; US-09-576-290-79

Query Match          0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3260  ACTGGCCTCTGCTTAGTGC 3281
Db       1  ACGTGCTTCTGTCTGCTGCTC 22

RESULT 189
PCT-US92-06840-10/c
; Sequence 10, Application PC/TUS9206840
; GENERAL INFORMATION:
; APPLICANT: Shi, Yang
; APPLICANT: Seto, Edward
; APPLICANT: Shenk, Thomas
; TITLE OF INVENTION: YY1 TRANSCRIPTION FACTOR AND METHODS OF
; TITLE OF INVENTION: ISOLATING SAME
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ostrolenk, Faber, Gerb & Soffen
; STREET: 1180 Avenue of the Americas - 7th Floor
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-8403
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/06840
; FILING DATE: 19920814
; CLASSIFICATION:
```

```

; CLASSIFICATION: AU 1805
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/746,485
; FILING DATE: 16-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Dennis, Manette
; REGISTRATION NUMBER: 30,623
; REFERENCE/DOCKET NUMBER: M-12594 CIP (1570-8)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 382-0700
; TELEFAX: (212) 382-0888
; TELEX: 236925
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US92-06840-10

Query Match          0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3026  CTCGCTGCTCTCTGAGACCT 3047
Db       22  CCGGCTTCAACTGAGACCT 1

RESULT 190
US-08-849-021-3
; Sequence 3, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; APPLICANT: VOGEL, JULIE M.
; TITLE OF INVENTION: COMPOUND MICROSATLLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-992-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
```

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 165:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22  
TYPE: NUCLEIC ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
ANTI-SENSE: NO  
US-08-256-4268-165

Query Match 0.3%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 3.5e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2755 GINAGAAACAGCATGGAGCTCT 2776  
DB 1 GAAGAAATAGACATGGTGTGT 22

RESULT 186  
US-08-776-971-79  
Sequence 79, Application US/08776971B  
Patent No. 6228984  
GENERAL INFORMATION:  
APPLICANT: Hinuma, Shuji  
Habata, Yugo  
Kawamata, Yuji  
Hosoya, Masaki  
Fuji, Ryo  
Fukusumi, Shoji  
Kitada, Chieko  
TITLE OF INVENTION: POLYPROTEINS, THEIR PRODUCTION AND USE  
NUMBER OF SEQUENCES: 140  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP  
STREET: 130 Water Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/776,971B  
FILING DATE: 06-Feb-1997  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/JP96/03821  
FILING DATE: 28-DEC-1996  
APPLICATION NUMBER: JP 7/343371  
FILING DATE: 28-DEC-1995  
APPLICATION NUMBER: JP 8/59419  
FILING DATE: 15-MAR-1996  
APPLICATION NUMBER: JP 8/211805  
FILING DATE: 12-AUG-1996  
APPLICATION NUMBER: JP 8/246573  
FILING DATE: 18-SEP-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Conlin, David G.  
REGISTRATION NUMBER: 27,026  
REFERENCE/DOCKET NUMBER: 47176  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-523-3400  
TELEFAX: 617-523-6440  
INFORMATION FOR SEQ ID NO: 79:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "synthetic DNA"  
SEQUENCE DESCRIPTION: SEQ ID NO: 79:  
US-08-776-971-79

Query Match 0.3%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 3.5e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3260 ACCTGGCTCTGTGCTTAAGTC 3281  
DB 1 ACCTGGCTCTGTGCTTGGCTGC 22

RESULT 187  
US-09-177-650-34/c  
Sequence 34, Application US/09177650  
Patent No. 6413719  
GENERAL INFORMATION:  
APPLICANT: Leppert, Mark F.  
APPLICANT: Singh, Nanda  
APPLICANT: Charlier, Carole  
TITLE OF INVENTION: KCNQ2 AND KCNQ3 - POTASSIUM CHANNEL GENES WHICH ARE  
TITLE OF INVENTION: MUTATED IN BENIGN FAMILIAL NEONATAL CONVULSIONS (BFNC)  
FILE REFERENCE: 2323-114  
CURRENT APPLICATION NUMBER: US/09/177,650  
CURRENT FILING DATE: 1998-10-23  
EARLIER APPLICATION NUMBER: 60/063,147  
EARLIER FILING DATE: 1997-10-24  
NUMBER OF SEQ ID NOS: 129  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 34  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-177-650-34

Query Match 0.3%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 3.5e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3989 CTGAGCTGAGCTGGAAGC 4010  
DB 22 CTGCCATGAGCTGTGCAAGC 1

RESULT 188  
US-09-576-290-79  
Sequence 79, Application US/09576290  
Patent No. 6794491  
GENERAL INFORMATION:  
APPLICANT: Hinuma, Shuji  
Habata, Yugo  
Kawamata, Yuji  
Hosoya, Masaki  
Fuji, Ryo  
Fukusumi, Shoji  
Kitada, Chieko  
TITLE OF INVENTION: POLYPROTEINS, THEIR PRODUCTION AND USE  
NUMBER OF SEQUENCES: 140  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP  
STREET: 130 Water Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM compatible

```

: APPLICANT: Rivaniemi, Pertti
: APPLICANT: Baldwin, Clinton
: APPLICANT: Hopkinson, Ian
: APPLICANT: Ahmad, Nilofer Nina
: TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
: TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
: NUMBER OF SEQUENCES: 261
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 555898aris
: STREET: One Liberty Place, 46th floor
: CITY: Philadelphia
: STATE: PA
: COUNTRY: USA
: ZIP: 19103
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: WordPerfect 5.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/07/977,284A
: FILING DATE: 13-NOV-1992
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER:
: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: Deluca, Mark
: REGISTRATION NUMBER: 33,229
: REFERENCE/DOCKET NUMBER: TJU-0697
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (215) 568-3100
: TELEFAX: (215) 568-3439
: INFORMATION FOR SEQ ID NO: 165:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 22
: TYPE: NUCLEIC ACID
: STRANDEDNESS: SINGLE
: TOPOLOGY: LINEAR
: ANTI-SENSE: NO
: US-07-977-284A-165

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2755 GTAGAAACAGCATGAGCTT 2776
DB 1 GAAGAAATAGACATGCTGT 22

RESULT 184
US-08-379-078-429
: Sequence 429, Application US/08379078
: Patent No. 5639612
: GENERAL INFORMATION:
: APPLICANT: Mitushashi, Masato
: APPLICANT: Cooper, Allan
: TITLE OF INVENTION: Gene Detection System
: NUMBER OF SEQUENCES: 726
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: KNOBB, MARTENS, OLSON AND BEAR
: STREET: 620 Newport Center Drive 16th floor
: CITY: Newport Beach
: STATE: CA
: COUNTRY: USA
: ZIP: 92660
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
```

```

: APPLICATION NUMBER: US/08/379, 078
: FILING DATE:
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/974,406
: FILING DATE: 12-NOV-1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Altman, Daniel E.
: REGISTRATION NUMBER: 34,115
: REFERENCE/DOCKET NUMBER: HITACHI.011CP2
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 714-760-0404
: TELEFAX: 714-760-9502
: INFORMATION FOR SEQ ID NO: 429:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 22 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULAR TYPE: cDNA to mRNA
: HYPOTHETICAL: NO
: ANTI-SENSE: NO
: US-08-379-078-429

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1308 CCTGTGTTCCATGAGCCCTGG 1329
DB 1 CCTGTGTTCCATGAGCTGG 22

RESULT 185
US-08-256-426B-165
: Sequence 165, Application US/08256426B
: Patent No. 5948611
: GENERAL INFORMATION:
: APPLICANT: Prockop, Darwin J.
: APPLICANT: Ala-Kokko, Leena
: APPLICANT: Williams, Charlene J.
: APPLICANT: Rivaniemi, Pertti
: APPLICANT: Baldwin, Clinton
: APPLICANT: Hopkinson, Ian
: APPLICANT: Ahmad, Nilofer Nina
: TITLE OF INVENTION: Methods of Detecting A Genetic
: NUMBER OF SEQUENCES: 293
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
: STREET: One Liberty Place - 46th floor
: CITY: Philadelphia
: STATE: PA
: COUNTRY: USA
: ZIP: 19103
: COMPUTER READABLE FORM:
: MEDIUM TYPE: DISKETTE, 3.5 INCH
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: Windows 3.1
: SOFTWARE: WORDPERFECT 6.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/256,426B
: FILING DATE: 03-FEB-1995
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: PCT/US93/10964
: FILING DATE: 12-NOV-1993
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/977,284
: FILING DATE: 13-NOV-1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Mark Deluca
: REGISTRATION NUMBER: 33,229
: REFERENCE/DOCKET NUMBER: TJU-1082
```

```

; APPLICANT: Charlier, Carole
; TITLE OF INVENTION: KCNO2 AND KCNO3 - POTASSIUM CHANNEL GENES WHICH ARE
; TITLE OF INVENTION: MUTATED IN BENIGN FAMILIAL NEONATAL CONVULSIONS (BRNC)
; TITLE OF INVENTION: AND OTHER EPILEPSIES
; FILE REFERENCE: 2323-134
; CURRENT APPLICATION NUMBER: US/09/177,650
; CURRENT FILING DATE: 1998-10-23
; EARLIER APPLICATION NUMBER: 60/063,147
; EARLIER FILING DATE: 1997-10-24
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 45
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-177-650-45

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2831 TTGAGGCGAGCGACGACG 2849
Db      1 TTGACGCGAGCGACGACG 19

RESULT 180
US-09-529-812A-8/c
; Sequence 8, Application US/09529812A
; Patent No. 6682930
; GENERAL INFORMATION:
; APPLICANT: LU, CHANGDE
; TITLE OF INVENTION: NEW TRIPLEX FORMING OLIGONUCLEOTIDES AND THEIR USE IN
; FILE REFERENCE: 017227/0160
; CURRENT APPLICATION NUMBER: US/09/529,812A
; CURRENT FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: PCT/CN98/00248
; PRIOR FILING DATE: 1998-10-19
; PRIOR APPLICATION NUMBER: CN 97106667.1
; PRIOR FILING DATE: 1997-10-21
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Triplex
; OTHER INFORMATION: forming oligonucleotide
; OTHER INFORMATION: This oligo may or may not be 3'-monophosphorylated
; US-09-529-812A-8

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      92 CTCCTCCACCCGACCTCT 110
Db      19 CTCCTCCCCCTCTCTCT 1

RESULT 181
US-09-657-472-1211/c
; Sequence 1211, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George O.
; APPLICANT: McCarthy, Jeanette J.
```

```

; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1211
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-657-472-1211

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3987 GGCTGAGCCTGAGCTGTG 4005
Db      19 GGCTGAGCAGGAGCTGTG 1

RESULT 182
US-09-657-472-1721/c
; Sequence 1721, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George O.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1721
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-657-472-1721

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      2099 CCTGACCTGCTGATGACG 2119
Db      21 CCTGACCTGTTGATGTTGC 1

RESULT 183
US-07-977-284A-165
; Sequence 165, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
```

```

; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Muech
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 87:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-87

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2641 CTGAGCTGCTGCTGAGC 2659
Db      3 CTGCTGCTGCTGCTGCTGC 21

RESULT 177
; US-08-943-731-606/c
; Sequence 606, Application US/08943731
; Patent No. 6265157
; GENERAL INFORMATION:
; APPLICANT: PROCKOP, DARWIN J.
; APPLICANT: SPOTILA, LORETTA D.
; APPLICANT: DELTAS, CONSTANTINOS D.
; APPLICANT: SEREDA, LARISA
; APPLICANT: LARSON, ANDREA W.
; APPLICANT: PACK, MICHAEL
; APPLICANT: COLIGE, ALAIN
; APPLICANT: EARLY, JAMES
; APPLICANT: KOROKO, JARMO
; APPLICANT: ALA-KOKKO, LERNA, et al
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
; TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
; NUMBER OF SEQUENCES: 666
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PANITCH SCHWARZ JACOBS & NADEL, P. C.
; STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
; STREET: FLR.
; CITY: PHILADELPHIA
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-7086
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,731
; FILING DATE: 03-OCT-1997
; CLASSIFICATION: 435
```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/212,322
; FILING DATE: 14-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/803,628
; FILING DATE: 03-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: DOYLE LEARY Ph.D., KATHRYN
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: 9598-27
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-965-1284
; TELEFAX: 215-567-2991
; TELEX: 831-494
; INFORMATION FOR SEQ ID NO: 606:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-943-731-606

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      515 GGACAGAGATGCTGCGG 533
Db      19 GGTGACAGATGCTGAGG 1

RESULT 178
; US-09-109-663-8
; Sequence 8, Application US/09109663
; Patent No. 6277981
; GENERAL INFORMATION:
; APPLICANT: Tu, Guang-Chou
; APPLICANT: Israel, Yedy
; TITLE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF
; TITLE OF INVENTION: EFFICACIOUS ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 9855-301
; CURRENT APPLICATION NUMBER: US/09/109,663
; CURRENT FILING DATE: 1998-07-03
; EARLIER APPLICATION NUMBER: 60/051,705
; EARLIER FILING DATE: 1997-07-03
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Candidate
; OTHER INFORMATION: TNF(alpha) ASO
; US-09-109-663-8

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      60 TGGGTTCTGAAGCCGATT 78
Db      3 TGAATCCGAAGCCGATT 21

RESULT 179
; US-09-177-650-45
; Sequence 45, Application US/09177650
; Patent No. 6413719
; GENERAL INFORMATION:
; APPLICANT: Leppert, Mark F.
; APPLICANT: Singh, Nanda
```

APPLICATION NUMBER: US/08/863,639A  
FILING DATE: May 28, 1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph E. Muech  
REGISTRATION NUMBER: 20,532  
REFERENCE/DOCKET NUMBER: 11859-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (626) 796-4000  
TELEFAX: (626) 795-6321  
INFORMATION FOR SEQ ID NO: 60:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: Other nucleic acid  
US-08-863-639A-60

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAGC 2659  
DB 1 CTGCTGCTGCTGCTGCTGC 19

RESULT 174  
US-08-863-639A-66/C  
Sequence 66, Application US/08863639A  
Patent No. 5981185  
GENERAL INFORMATION:  
APPLICANT: Matson, Robert S.  
APPLICANT: Coassin, Peter J.  
APPLICANT: Rampal, Jang B.  
APPLICANT: Caskey, C. T.  
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS  
NUMBER OF SEQUENCES: 95  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Sheldon & Max  
STREET: 225 South Lake Avenue, 9th Floor  
City: Pasadena  
STATE: CA  
COUNTRY: USA  
ZIP: 91101  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Corel WordPerfect 8 version  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/863,639A  
FILING DATE: May 28, 1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph E. Muech  
REGISTRATION NUMBER: 20,532  
REFERENCE/DOCKET NUMBER: 11859-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (626) 796-4000  
TELEFAX: (626) 795-6321  
INFORMATION FOR SEQ ID NO: 66:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: Other nucleic acid  
US-08-863-639A-66

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 3.1e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2641 CTGCAGCTGCTGCTGCAGC 2659  
DB 19 CTGCTGCTGCTGCTGCTGC 1

RESULT 175  
US-08-863-639A-69  
Sequence 69, Application US/08863639A  
Patent No. 5981185  
GENERAL INFORMATION:  
APPLICANT: Matson, Robert S.  
APPLICANT: Coassin, Peter J.  
APPLICANT: Rampal, Jang B.  
APPLICANT: Caskey, C. T.  
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS  
NUMBER OF SEQUENCES: 95  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Sheldon & Max  
STREET: 225 South Lake Avenue, 9th Floor  
City: Pasadena  
STATE: CA  
COUNTRY: USA  
ZIP: 91101  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Corel WordPerfect 8 version  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/863,639A  
FILING DATE: May 28, 1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph E. Muech  
REGISTRATION NUMBER: 20,532  
REFERENCE/DOCKET NUMBER: 11859-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (626) 796-4000  
TELEFAX: (626) 795-6321  
INFORMATION FOR SEQ ID NO: 69:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: Other nucleic acid  
US-08-863-639A-69

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAGC 2659  
DB 2 CTGCTGCTGCTGCTGCTGC 20

RESULT 176  
US-08-863-639A-87  
Sequence 87, Application US/08863639A  
Patent No. 5981185  
GENERAL INFORMATION:  
APPLICANT: Matson, Robert S.  
APPLICANT: Coassin, Peter J.  
APPLICANT: Rampal, Jang B.  
APPLICANT: Caskey, C. T.  
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS  
NUMBER OF SEQUENCES: 95  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Sheldon & Max  
STREET: 225 South Lake Avenue, 9th Floor

; INFORMATION FOR SEQ ID NO: 66:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
US-08-267-803B-66

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAGC 2659  
DB 2 CTGCTGCTGCTGCTGCTGC 20

RESULT 171  
US-08-863-639A-28/c  
; Sequence 28, Application US/08863639A  
; Patent No. 5981185  
; GENERAL INFORMATION:  
; APPLICANT: Matson, Robert S.  
; APPLICANT: Coassin, Peter J.  
; APPLICANT: Rampal, Jang B.  
; APPLICANT: Caskey, C. T.  
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS  
; NUMBER OF SEQUENCES: 95  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Sheldon & Mak  
; STREET: 225 South Lake Avenue, 9th Floor  
; CITY: Pasadena  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 91101  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: Corel WordPerfect 8 version  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/863,639A  
; FILING DATE: May 28, 1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Joseph E. Mueh  
; REGISTRATION NUMBER: 20,532  
; REFERENCE/DOCKET NUMBER: 11859-1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (626) 796-4000  
; TELEFAX: (626) 795-6321  
; INFORMATION FOR SEQ ID NO: 28:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Other nucleic acid  
US-08-863-639A-28

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAGC 2659  
DB 21 CTGCTGCTGCTGCTGCTGC 3

RESULT 172  
US-08-863-639A-40/c  
; Sequence 40, Application US/08863639A

; Patent No. 5981185  
; GENERAL INFORMATION:  
; APPLICANT: Matson, Robert S.  
; APPLICANT: Coassin, Peter J.  
; APPLICANT: Rampal, Jang B.  
; APPLICANT: Caskey, C. T.  
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS  
; NUMBER OF SEQUENCES: 95  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Sheldon & Mak  
; STREET: 225 South Lake Avenue, 9th Floor  
; CITY: Pasadena  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 91101  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: Corel WordPerfect 8 version  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/863,639A  
; FILING DATE: May 28, 1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Joseph E. Mueh  
; REGISTRATION NUMBER: 20,532  
; REFERENCE/DOCKET NUMBER: 11859-1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (626) 796-4000  
; TELEFAX: (626) 795-6321  
; INFORMATION FOR SEQ ID NO: 40:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Other nucleic acid  
US-08-863-639A-40

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAGC 2659  
DB 20 CTGCTGCTGCTGCTGCTGC 2

RESULT 173  
US-08-863-639A-60  
; Sequence 60, Application US/08863639A  
; Patent No. 5981185  
; GENERAL INFORMATION:  
; APPLICANT: Matson, Robert S.  
; APPLICANT: Coassin, Peter J.  
; APPLICANT: Rampal, Jang B.  
; APPLICANT: Caskey, C. T.  
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS  
; NUMBER OF SEQUENCES: 95  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Sheldon & Mak  
; STREET: 225 South Lake Avenue, 9th Floor  
; CITY: Pasadena  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 91101  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: Corel WordPerfect 8 version  
; CURRENT APPLICATION DATA:



TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-657-042A-38

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 2.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGACGCTGCTGCTGACG 2659  
DB 2 CTGACGCTGCTGCTGCGC 20

RESULT 167  
US-09-167-109-62/c  
Sequence 62, Application US/09167109  
Patent No. 6399297  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda F.  
APPLICANT: Cowsett, Lex M.  
APPLICANT: Monia, Brett P.  
APPLICANT: Xu, Xiaoxing S.  
TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION  
FILE REFERENCE: ISPH-0321  
CURRENT APPLICATION NUMBER: US/09/167,109  
CURRENT FILING DATE: 1998-10-06  
NUMBER OF SEQ ID NOS: 228  
SEQ ID NO 62  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense sequence  
US-09-167-109-62

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 2.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1811 GGAGCCAGCCAGCCGCGC 1829  
DB 19 GCAGCCAGCCAGCCGCGC 1

RESULT 168  
US-09-640-101-65  
Sequence 65, Application US/09640101  
Patent No. 6448079  
GENERAL INFORMATION:  
APPLICANT: Monia, Brett P.  
APPLICANT: Gaarde, William A.  
APPLICANT: Nero, Pamela S.  
APPLICANT: McKay, Robert  
TITLE OF INVENTION: Antisense Modulation of p38 Mitogen  
PROTEIN KINASE EXPRESSION  
FILE REFERENCE: ISPH-0488  
CURRENT APPLICATION NUMBER: US/09/640,101  
CURRENT FILING DATE: 2000-08-15  
PRIOR APPLICATION NUMBER: 09/286,904  
PRIOR FILING DATE: 1999-04-06  
NUMBER OF SEQ ID NOS: 107  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 65  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense sequence  
US-09-640-101-65

Query Match 0.3%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 2.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2639 CCCTGACGCTGCTGCA 2657  
DB 1 CCCTGACGCTGCTGCGCA 19

RESULT 169  
US-09-975-123-23/c  
Sequence 23, Application US/09975123  
Patent No. 6750019  
GENERAL INFORMATION:  
APPLICANT: Susan M. Freiler  
TITLE OF INVENTION: ANTISENSE MODULATION OF INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN  
FILE REFERENCE: RTS-0253  
CURRENT APPLICATION NUMBER: US/09/975,123  
CURRENT FILING DATE: 2001-10-09  
NUMBER OF SEQ ID NOS: 43  
SEQ ID NO 23  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-975-123-23

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 2.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1634 AGCTGCGCCAGTCCAGGT 1652  
DB 19 AGCTGACCGAGTCCAGGT 1

RESULT 170  
US-08-267-803B-66  
Sequence 66, Application US/08267803B  
Patent No. 5834183  
GENERAL INFORMATION:  
APPLICANT: Orr, Harry T.  
APPLICANT: Rannu, Laura P.W.  
APPLICANT: Chung, Ming-Yi  
APPLICANT: Zoghbi, Huda Y.  
TITLE OF INVENTION: Gene Sequence for SpinoCerebellar Ataxia  
Patent No. 5834183  
TITLE OF INVENTION: Type 1 and Method for Diagnosis  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Mueeting, Raasch, Gebhardt & Schwappach, P.A.  
STREET: P.O. Box 561415  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55458-1415  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/267,803B  
FILING DATE: 28-JUN-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: McCormack, Myra H.  
REGISTRATION NUMBER: 36,602  
REFERENCE/DOCKET NUMBER: 110.00030120  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 612-305-1217  
TELEFAX: 612-305-1228

```
/ APPLICATION NUMBER: US 08/782,482
/ FILING DATE: 10-JAN-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Saxe, Stephen A.
/ REGISTRATION NUMBER: 38,609
/ REFERENCE/DOCKET NUMBER: 24884-121392-01
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-962-4848
/ TELEFAX: 202-962-8300
/ INFORMATION FOR SEQ ID NO: 48:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "primer."
US-08-874-186-48
```

```
Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 2566 GGGGAGGAGAGATGAGCA 2584
DB 2 GGGGAGGAGAGAGAGAGCA 20
```

```
RESULT 163
US-08-947-965-44
/ Sequence 44, Application US/08947965A
/ Patent No. 6004790
/ GENERAL INFORMATION:
/ APPLICANT: Dijkhuizen, Lubbert
/ APPLICANT: Dijkstra, Bauke
/ APPLICANT: Andersen, Carsten
/ APPLICANT: Osten, Claus von der
/ TITLE OF INVENTION: Cyclomaltodextrin Glucanotransferase
/ FILE REFERENCE: 4285, 204-US
/ CURRENT APPLICATION NUMBER: US/08/947,965A
/ CURRENT FILING DATE: 1997-10-09
/ EARLIER APPLICATION NUMBER: 0477/95
/ EARLIER FILING DATE: 1995-04-21
/ EARLIER APPLICATION NUMBER: 1173/95
/ EARLIER FILING DATE: 1995-10-17
/ EARLIER APPLICATION NUMBER: 1281/95
/ EARLIER FILING DATE: 1995-11-16
/ EARLIER APPLICATION NUMBER: PCT/DK96/00179
/ EARLIER FILING DATE: 1996-04-22
/ NUMBER OF SEQ ID NOS: 78
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 44
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: nucleotide
US-08-947-965-44
```

```
Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1819 CCACAGCCGGCGATGCAC 1837
DB 2 CCACGCGCGGCGAGACAC 20
```

```
RESULT 164
US-09-286-904-65
/ Sequence 65, Application US/09286904A
/ Patent No. 6140124
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Monia, Brett P.
/ APPLICANT: Gaarde, William A.
/ APPLICANT: Nero, Pamela S.
/ APPLICANT: McKay, Robert
/ TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
/ FILE REFERENCE: ISPH-0347
/ CURRENT APPLICATION NUMBER: US/09/286,904A
/ CURRENT FILING DATE: 1999-04-06
/ NUMBER OF SEQ ID NOS: 95
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 65
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: antisense sequence
US-09-286-904-65
```

```
Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 2639 CCTGCAGCTGCTGCTGCA 2657
DB 1 CCTGCAGCTGCTGCTGCA 19
```

```
RESULT 165
US-09-429-323-62
/ Sequence 62, Application US/09429323A
/ Patent No. 6140126
/ Patent No. 6140126 6140123
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Lex M. Cowsett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF Y-BOX BINDING PROTEIN 1 EXPRESSION
/ FILE REFERENCE: RTS-0092
/ CURRENT APPLICATION NUMBER: US/09/429,323A
/ CURRENT FILING DATE: 1999-10-26
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 62
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-429-323-62
```

```
Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 976 TGTGCTGACTCCTTACC 994
DB 2 TGTGCTGACTGCTTACC 20
```

```
RESULT 166
US-09-657-042A-38
/ Sequence 38, Application US/09657042A
/ Patent No. 6329203
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESSION
/ FILE REFERENCE: RTS-0148
/ CURRENT APPLICATION NUMBER: US/09/657,042A
/ CURRENT FILING DATE: 2000-09-08
/ NUMBER OF SEQ ID NOS: 88
/ SEQ ID NO 38
/ LENGTH: 20
```

```

TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
  NAME/KEY: modified_base
  LOCATION: 2..4
  OTHER INFORMATION: /mod_base= OTHER
  OTHER INFORMATION:
FEATURE:
  NAME/KEY: modified_base
  LOCATION: 7
  OTHER INFORMATION: /mod_base= OTHER
  OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
  NAME/KEY: modified_base
  LOCATION: 9
  OTHER INFORMATION: /mod_base= OTHER
  OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
  NAME/KEY: modified_base
  LOCATION: 11
  OTHER INFORMATION: /mod_base= OTHER
  OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
  NAME/KEY: modified_base
  LOCATION: 13
  OTHER INFORMATION: /mod_base= OTHER
  OTHER INFORMATION: /note= "5-methylcytosine"
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  LOCATION: 15
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FEATURE:
  NAME/KEY: modified_base
  LOCATION: 17
  OTHER INFORMATION: /mod_base= OTHER
  OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
  NAME/KEY: modified_base
  LOCATION: 21
  OTHER INFORMATION: /mod_base= OTHER
  OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
FEATURE:
  NAME/KEY: modified_base
  LOCATION: 1
  OTHER INFORMATION: /mod_base= OTHER
  OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
FEATURE:
  NAME/KEY: modified_base
  LOCATION: 5
  OTHER INFORMATION: /mod_base= OTHER
  OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
PCT-US91-03680-38

Query Match          0.3%; Score 16; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0,
QY      1184 AAAGAGAGAGAGAA 1199
      |||||||||||||
Db      20 AAAGAGAGAGAGAGA 5

RESULT 161
US-08-849-021-75
; Sequence 75, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; APPLICANT: VOGEL, JULIE M.
; TITLE OF INVENTION: COMPOUND MICROSYNTHETIC
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND

```

ADDRESSEE: COMPANY  
 STREET: 1007 MARKET STREET  
 CITY: WILMINGTON  
 STATE: DELAWARE  
 COUNTRY: U.S.A.  
 ZIP: 19898  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: FLOPPY DISK  
 COMPUTER: IBM PC COMPATIBLE  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/849,021  
 FILING DATE:  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/346,456  
 FILING DATE: 28 NOVEMBER 1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: FLOYD, LINDA AXAMETHY  
 REGISTRATION NUMBER: 33,692  
 REFERENCE/DOCKET NUMBER: BB-1064-A  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 302-892-8112  
 TELEFAX: 302-992-7949  
 INFORMATION FOR SEQ ID NO: 75:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 US-08-849-021-75

```

Query Match      0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2,8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY          1183   GAAAGAGAGAGAGAGAAT 1201
              ||| ||||| ||||| |||
Db           1   GAGGAGAGAGAGAGATAT 19

RESULT 162
US-08-874-186-48
Sequence 48, Application US/08874186
Patent No. 5983885
GENERAL INFORMATION:
APPLICANT: Teng, David H-F.
APPLICANT: Tavtighian, Sean V.
APPLICANT: Perry III, William L.
APPLICANT: Skolnick, Mark H.
TITLE OF INVENTION: SPECIFIC MUTATIONS OF MAP KINASE KINASE
TITLE OF INVENTION: 4 (MKK4) IN HUMAN TUMOR CELL LINES IDENTIFY IT AS A TUMOR
NUMBER OF SEQUENCES: 96
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/874,186
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

```

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; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 83
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-83

Query Match      0.3%; Score 16; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      563 AGTTCCTGAAGAGAGAG 580
Db      19 AGTTCCTGAGAGAGAG 2

RESULT 159
PCT-US91-03680-37/c
; Sequence 37, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1..4
; OTHER INFORMATION: /mod_base= OTHER
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 7
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 9
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
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; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 11
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 13
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 15
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 17
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 21
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
PCT-US91-03680-37

Query Match      0.3%; Score 16; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1184 AAAGAGAGAGAGAA 1199
Db      20 AAAGAGAGAGAGAA 5

RESULT 160
PCT-US91-03680-38/c
; Sequence 38, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
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```

US-08-435-634-11/c
; Sequence 11, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Filth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: PaateSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5731295ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-435-634-11
;
; Query Match 0.3%; Score 16.2; DB 1; Length 22;
; Best Local Similarity 85.7%; Pred. No. 2.7e+02;
; Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 104 CACCTCTTCAGCCTTCAG 124
DB 21 CACCTCTTCAGACTTCAG 1
;
RESULT 156
US-09-660-925B-5
; Sequence 5, Application US/0960925B
; Patent No. 6352858
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowbert
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF BTK EXPRESSION
; FILE REFERENCE: R15-0177

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CURRENT APPLICATION NUMBER: US/09/660,925B
CURRENT FILING DATE: 2000-09-11
NUMBER OF SEQ. ID NOS: 48
SEQ ID NO 5
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Primer
US-09-660-925B-5

Query Match      0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 2.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      162 GCGAAGAAATCTGAGGAACCA 182
      |||||
Db      2 GCGAAGAAATTTGAAGACACCA 22

RESULT 157
US-08-948-113D-31/c
Sequence 31, Application US/08948113D
Patent No. 6482937
GENERAL INFORMATION:
APPLICANT: Baetscher, Manfred W.
APPLICANT: Akiyoshi, Donna B.
TITLE OF INVENTION: Pluripotent Porcine Cells, Genetically Modified Porcine
TITLE OF INVENTION: Cells and Pigs for Use in Said Method, Transgenic Pigs
FILE REFERENCE: 61750-309
CURRENT APPLICATION NUMBER: US/08/948,113D
CURRENT FILING DATE: 1997-10-09
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 31
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer for use
OTHER INFORMATION: in analysis of porcine Oct4-EGFP plasmid
US-08-948-113D-31

Query Match      0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 2.8e+02;
Matches 18; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY      3257 AGGACCTGGCCTCTGTGCTTACT 3279
      |||:|||||
Db      23 AGGCTGTGTCTGTCTGCTTACT 1

RESULT 158
US-09-657-472-83/c
Sequence 83, Application US/09657472
Patent No. 6727063
GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolik, George
APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825, 1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724

```

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? FILING DATE: 1998-09-18
? APPLICATION NUMBER: 08/933,149
? FILING DATE: 1997-09-18
? ATTORNEY/AGENT INFORMATION:
?   NAME: KASTEN, DANIEL S.
?   REGISTRATION NUMBER: 45,363
?   REFERENCE/DOCKET NUMBER: 6029-3654
? TELECOMMUNICATION INFORMATION:
?   TELEPHONE: (314) 727-5188
?   TELEFAX: (314) 727-6092
? INFORMATION FOR SEQ ID NO: 13:
? SEQUENCE CHARACTERISTICS:
?   LENGTH: 21 base pairs
?   TYPE: nucleic acid
?   STRANDEDNESS: single
?   TOPOLOGY: linear
?   MOLECULE TYPE: cDNA to mRNA
?   HYPOTHETICAL: NO
?   ANTI-SENSE: NO
? SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-509-015-13

Query Match          0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAAATACAAAAGAAA 5413
Db      21 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 153
PCT-US96-08235-13/c
? Sequence 13, Application PC/TUS9608235
? GENERAL INFORMATION:
?   APPLICANT: WATSON, MARK A.
?   APPLICANT: FLEMING, TIMOTHY P.
?   TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
?   TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
?   NUMBER OF SEQUENCES: 14
?   CORRESPONDENCE ADDRESS:
?     ADDRESSER: ROGERS, HOWELL & HAFERKAMP
?     STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
?     CITY: ST. LOUIS
?     STATE: MISSOURI
?     COUNTRY: USA
?     ZIP: 63105-1817
? COMPUTER READABLE FORM:
?   MEDIUM TYPE: Floppy disk
?   COMPUTER: IBM PC compatible
?   OPERATING SYSTEM: PC-DOS/MS-DOS
?   SOFTWARE: Patent In Release #1.0, Version #1.25
? CURRENT APPLICATION DATA:
?   APPLICATION NUMBER: PCT/US96/08235
?   FILING DATE:
?   CLASSIFICATION:
?   ATTORNEY/AGENT INFORMATION:
?     NAME: HOLLAND, DONALD R.
?   REGISTRATION NUMBER: 35,197
?   REFERENCE/DOCKET NUMBER: 964796
? TELECOMMUNICATION INFORMATION:
?   TELEPHONE: (314) 727-6092
?   TELEFAX: (314) 727-6092
? INFORMATION FOR SEQ ID NO: 13:
? SEQUENCE CHARACTERISTICS:
?   LENGTH: 21 base pairs
?   TYPE: nucleic acid
?   STRANDEDNESS: single
?   TOPOLOGY: linear
?   MOLECULE TYPE: cDNA to mRNA
?   HYPOTHETICAL: NO
?   ANTI-SENSE: NO
? PCT-US96-08235-13
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```

Query Match          0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAAATACAAAAGAAA 5413
Db      21 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 154
US-08-390-850-11/c
? Sequence 11, Application US/08390850
? Patent No. 561215
? GENERAL INFORMATION:
?   APPLICANT: Draper, Kenneth G.
?   APPLICANT: Pavco, Pamela
?   APPLICANT: McSwiggen, James
?   APPLICANT: Gustafson, John T.
?   APPLICANT: Stinchcomb, Dan T.
?   TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
?   TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
?   NUMBER OF SEQUENCES: 1151
?   CORRESPONDENCE ADDRESS:
?     ADDRESSER: Lyon & Lyon
?     STREET: 633 West Fifth Street
?     CITY: Los Angeles
?     STATE: California
?     COUNTRY: U.S.A.
?     ZIP: 90071
? COMPUTER READABLE FORM:
?   MEDIUM TYPE: 3.5" Diskette, 1.44 MB
?   MEDIUM TYPE: storage
?   COMPUTER: IBM compatible
?   OPERATING SYSTEM: IBM P.C. DOS 5.0
?   SOFTWARE: FASTSEQ Version 1.5
? CURRENT APPLICATION DATA:
?   APPLICATION NUMBER: US/08/390,850
?   FILING DATE: February 17, 1995
?   PRIOR APPLICATION DATA:
?     APPLICATION NUMBER: 08/354,920
?     FILING DATE: December 13, 1994
?     APPLICATION NUMBER: 08/152,487
?     FILING DATE: No. 5612215ember 12, 1993
?     APPLICATION NUMBER: 07/989,848
?     FILING DATE: December 7, 1992
?   ATTORNEY/AGENT INFORMATION:
?     NAME: Warburg, Richard
?     REGISTRATION NUMBER: 32,327
?     REFERENCE/DOCKET NUMBER: 211/084
? TELECOMMUNICATION INFORMATION:
?   TELEPHONE: (213) 489-1600
?   TELEFAX: (213) 955-0440
?   TELEX: 67-3510
? INFORMATION FOR SEQ ID NO: 11:
? SEQUENCE CHARACTERISTICS:
?   LENGTH: 22 base pairs
?   TYPE: nucleic acid
?   STRANDEDNESS: single
?   TOPOLOGY: linear
? US-08-390-850-11

Query Match          0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 2.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      104 CACCTCTTCAGCCTTGAG 124
Db      21 CACCTCTTCAGCCTTGAG 1

RESULT 155
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QY 5146 GGACCATTTGCGCTGCG 5166  
DB 1 GGATCATTTGTCTCGGCGTG 21

RESULT 149  
US-09-422-978-10355  
Sequence 10355, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marla  
APPLICANT: Chumakov, Il'ya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 10355  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURES:  
NAME/KEY: primer\_bind  
LOCATION: 1..21  
OTHER INFORMATION: downstream amplification primer 99-11356 for SEQ 2490, in compl  
US-09-422-978-10355

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 2.6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5184 CAAATTGGGGCTTCAAGCTGG 5204  
DB 1 CAAATTGGGGCTTCAAGCTGG 21

RESULT 150  
US-09-380-836-57  
Sequence 57, Application US/09380836  
Patent No. 6551775  
GENERAL INFORMATION:  
APPLICANT: Lifton, Richard P.  
APPLICANT: Chang, Sue S.  
APPLICANT: Rossier, Bernard C.  
TITLE OF INVENTION: Method to Diagnose and Treat Pathological Conditions  
TITLE OF INVENTION: Resulting from Deficient Ion Transport such as  
TITLE OF INVENTION: Pseudohypaldosteronism Type-1  
FILE REFERENCE: 44574-5018-US  
CURRENT APPLICATION NUMBER: US/09/380,836  
CURRENT FILING DATE: 2000-04-27  
PRIOR APPLICATION NUMBER: US 60/040,171  
PRIOR FILING DATE: 1997-03-11  
PRIOR APPLICATION NUMBER: PCT/US98/04681  
PRIOR FILING DATE: 1998-03-11  
NUMBER OF SEQ ID NOS: 106  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 57  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: Description of Artificial Sequence: B-5 forward  
US-09-380-836-57

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 2.6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2635 CCGTCCCTGCACTGCTGCTG 2655  
DB 1 CCGTCCCTGCACTGCTGCTG 21

RESULT 151  
US-09-162-622-13/c  
Sequence 13, Application US/09162622  
Patent No. 6566072  
GENERAL INFORMATION:  
APPLICANT: WATSON, MARK A  
APPLICANT: FLEMING, TIMOTHY P  
TITLE OF INVENTION: Mammaglobin, A Secreted Mammary-Specific Breast Cancer  
TITLE OF INVENTION: Protein  
FILE REFERENCE: 6029-5134  
CURRENT APPLICATION NUMBER: US/09/162,622  
CURRENT FILING DATE: 1998-09-29  
EARLIER APPLICATION NUMBER: 08/933,149  
EARLIER FILING DATE: 1997-09-18  
EARLIER APPLICATION NUMBER: PCT/US96/08235  
EARLIER FILING DATE: 1996-05-31  
EARLIER APPLICATION NUMBER: 08/455,896  
EARLIER FILING DATE: 1995-05-31  
NUMBER OF SEQ ID NOS: 21  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 13  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-162-622-13

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 2.6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAAAA 5413  
DB 21 AAAAAAATCAAAAAAGAAAA 1

RESULT 152  
US-09-509-015-13/c  
Sequence 13, Application US/09509015  
Patent No. 6677428  
GENERAL INFORMATION:  
APPLICANT: WATSON, MARK S.; FLEMING, TIMOTHY P.  
TITLE OF INVENTION: MAMMAGLOBIN, A SECRETED  
TITLE OF INVENTION: MAMMARY SPECIFIC BREAST CANCER PROTEIN  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSER: HOWELL, E HAFERRAMP, L.C.  
CITY: ST. LOUIS  
STATE: MISSOURI  
COUNTRY: USA  
ZIP: 63105-1817  
OTHER INFORMATION: FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/509,015  
FILING DATE: 30-May-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US98/17991

Db 1 AAAAAAAAAAAAAAAAAAAU 21

RESULT 145  
US-08-726-278-2  
; Sequence 2, Application US/08726278  
; Patent No. 6238624  
; GENERAL INFORMATION:  
; APPLICANT: Heller, Michael J.  
; APPLICANT: Tu, Eugene  
; APPLICANT: Evans, Glen A.  
; APPLICANT: Sosnowski, Ronald G.  
; TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR  
; FILE REFERENCE: DAVID B. MURPHY/NANOGEN: 222-210  
; CURRENT FILING DATE: 1996-10-04  
; PRIOR APPLICATION NUMBER: US/08/726,278  
; PRIOR FILING DATE: 1994-07-07  
; NUMBER OF SEQ ID NOS: 44  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 2  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Sequences for  
; OTHER INFORMATION: Labeling  
US-08-726-278-2

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 2.6e+02;  
Matches 1; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAATACAAAAGAAAAT 5416  
|||||  
Db 1 AAAAAAAAAAAAAAAAAAAU 21

RESULT 146  
US-09-328-174A-108/c  
; Sequence 108, Application US/09328174A  
; Patent No. 6448003  
; GENERAL INFORMATION:  
; APPLICANT: Guida, Marco  
; APPLICANT: Kurth, Janice  
; TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase  
; FILE REFERENCE: 4389-6 (formerly SEQ-16P)  
; CURRENT APPLICATION NUMBER: US/09/328,174A  
; CURRENT FILING DATE: 1999-06-08  
; PRIOR APPLICATION NUMBER: 09/328,174  
; PRIOR FILING DATE: 1999-06-08  
; NUMBER OF SEQ ID NOS: 110  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 108  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: H. sapiens  
US-09-328-174A-108

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 2.6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1195 GAGAAATCAGAGAAAGCAGG 1215  
|||||  
Db 21 GAGAAAGCTGAGATGAGCAGG 1

RESULT 147  
US-09-475-947A-119/c  
; Sequence 119, Application US/09475947A

; Patent No. 6472154  
; GENERAL INFORMATION:  
; APPLICANT: Garner, Harold R.  
; APPLICANT: Wren, Jonathan D.  
; APPLICANT: Minna, John D.  
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes  
; FILE REFERENCE: UTS0667  
; CURRENT APPLICATION NUMBER: US/09/475,947A  
; CURRENT FILING DATE: 1999-12-31  
; NUMBER OF SEQ ID NOS: 346  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 119  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: human  
US-09-475-947A-119

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 2.6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAATACAAAAGAAA 5413  
|||||  
Db 21 AAAAAAAAAAAAAAAAAAAU 1

RESULT 148  
US-09-428-929-9  
; Sequence 9, Application US/09428929  
; Patent No. 6514939  
; GENERAL INFORMATION:  
; APPLICANT: Shinkets, Richard A.  
; TITLE OF INVENTION: ATRIAL NATRIURETIC FACTOR MUTANTS  
; TITLE OF INVENTION: AND ISCHEMIC STROKE  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Pennie & Edmonds LLP  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10036/2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/428,929  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/916,043  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mistrock, S. Leslie  
; REGISTRATION NUMBER: 18,872  
; REFERENCE/DOCKET NUMBER: 7934-048  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212-790-9030  
; TELEFAX: 212-869-8864  
; TELEX: 66141 PENNIR  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
US-09-428-929-9

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 2.6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;



```
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/082,253
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/455,896
/ FILING DATE: 05/31/1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: HOLLAND, DONALD R.
/ REGISTRATION NUMBER: 35,197
/ REFERENCE/DOCKET NUMBER: 952726
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (314) 727-5188
/ TELEFAX: (314) 727-6092
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA to mRNA
/ HYPOTHEICAL: NO
/ ANTI-SENSE: NO
/ US-09-082-253-13

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAGAAAA 5413
Db 21 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 143
US-08-916-043-9
/ Sequence 9, Application US/08916043
/ Patent No. 6013630
/ GENERAL INFORMATION:
/ APPLICANT: Shlunkers, Richard A.
/ TITLE OF INVENTION: ATRIAL Natriuretic Factor Mutants
/ TITLE OF INVENTION: AND ISCHEMIC STROKE
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Pennie & Edwards LLP
/ STREET: 1155 Avenue of the Americas
/ CITY: New York
/ STATE: NY
/ COUNTRY: USA
/ ZIP: 10036/2711
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/916,043
/ FILING DATE: 21-AUG-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Mirock, S. Leslie
/ REGISTRATION NUMBER: 18,872
/ REFERENCE/DOCKET NUMBER: 7934-048
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 212-790-9090
/ TELEFAX: 212-869-8864
/ TELEX: 66141 PENNIT
/ INFORMATION FOR SEQ ID NO: 9:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
```

```
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-916-043-9

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5146 GGAACCATTTGCTGCGCTG 5166
Db 1 GATCCATTGTCTCGGCTG 21

RESULT 144
US-08-271-882B-2
/ Sequence 2, Application US/08271882B
/ Patent No. 6017696
/ GENERAL INFORMATION:
/ APPLICANT: Michael J. Heller
/ APPLICANT: Eugene Tu
/ APPLICANT: Glen A. Evans
/ APPLICANT: Ronald G. Sosnowski
/ TITLE OF INVENTION: SELF-ADDRESSABLE
/ TITLE OF INVENTION: SELF-ASSEMBLING
/ TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND
/ TITLE OF INVENTION: DEVICES FOR
/ TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS
/ TITLE OF INVENTION: AND DIAGNOSTICS
/ NUMBER OF SEQUENCES: 44
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: USA
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: Storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
/ SOFTWARE: WordPerfect (Version 5.1)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/271,882B
/ FILING DATE: July 7, 1994
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/146,504
/ FILING DATE: No. 6017696ember 1, 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Murphy, David B.
/ REGISTRATION NUMBER: 31,125
/ REFERENCE/DOCKET NUMBER: 207/263
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-271-882B-2

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.6e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAAAACAAAAAGAAAAAT 5416
||||| ||||||| |||||||
```

REGISTRATION NUMBER: 20,532  
REFERENCE/DOCKET NUMBER: 11859-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (626) 796-4000  
TELEFAX: (626) 795-6321  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other nucleic acid  
US-08-639A-10

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 2.6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 5393 AAAAAATACAAAAAGAAA 5413  
DB 1 AAAAAAAAAAAAAAAAAAAAAA 21

RESULT 140  
US-08-639A-13/c  
Sequence 13, Application US/0863639A  
Patent No. 5981185  
GENERAL INFORMATION:  
APPLICANT: Matsun, Robert S.  
APPLICANT: Coassin, Peter J.  
APPLICANT: Rampal, Jang B.  
APPLICANT: Caskey, C. T.  
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS  
NUMBER OF SEQUENCES: 95  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sheldon & Mak  
STREET: 225 South Lake Avenue, 9th Floor  
CITY: Pasadena  
STATE: CA  
COUNTRY: USA  
ZIP: 91101  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Corel WordPerfect 8 version  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/639A  
FILING DATE: May 28, 1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph E. Muech  
REGISTRATION NUMBER: 20,532  
REFERENCE/DOCKET NUMBER: 11859-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (626) 796-4000  
TELEFAX: (626) 795-6321  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other nucleic acid  
US-08-639A-13

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 2.6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 5393 AAAAAATACAAAAAGAAA 5413  
DB 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 141  
US-08-416-214A-12/c  
Sequence 12, Application US/08416214A  
Patent No. 598596  
GENERAL INFORMATION:  
APPLICANT: Bergan, Raymond; Neckers, Len  
TITLE OF INVENTION: Inhibition Of Protein  
TITLE OF INVENTION: Kinase Activity By Aptameric Action Of  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & FINNEGAN  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154

COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/416, 214A  
FILING DATE: 04-APR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Brown, Kathryn M.  
REGISTRATION NUMBER: 34,556  
REFERENCE/DOCKET NUMBER: 2026-4166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 758-4800  
TELEFAX: (212) 751-6849  
TELEX: 421792  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: Nucleic acid  
STRANDEDNESS: Single  
TOPOLOGY: linear  
MOLECULE TYPE: Other nucleic acid  
HYPOTHETICAL: Yes  
ANTI-SENSE: No  
US-08-416-214A-12

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 2.6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 5393 AAAAAATACAAAAAGAAA 5413  
DB 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 142  
US-09-082-253-13/c  
Sequence 13, Application US/09082253  
Patent No. 6004756  
GENERAL INFORMATION:  
APPLICANT: WATSON, MARK A.  
APPLICANT: FLEMING, TIMOTHY P.  
TITLE OF INVENTION: DNA SEQUENCE AND ENCODED  
TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ROGERS, HOWELL & HAFERKAMP  
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400  
CITY: ST. LOUIS  
STATE: MISSOURI  
COUNTRY: USA  
ZIP: 63105-1817

COMPUTER READABLE FORM:

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAAA 5413

Db 21 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 137  
US-08-725-976-2

Sequence 2, Application US/08725976  
Patent No. 5929208

GENERAL INFORMATION:

APPLICANT: Heller, Michael J. and Tu, Eugene

TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS

NUMBER OF SEQUENCES: 31

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM compatible

OPERATING SYSTEM: WINDOWS (VERSION 3.0)

SOFTWARE: Wordperfect (Version 6.0)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/725,976

FILING DATE: October 4, 1996

CLASSIFICATION: 422

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

APPLICATION NUMBER: 08/146,504

FILING DATE: No. 5929208ember 1, 1993

ATTORNEY/AGENT INFORMATION:

NAME: Murphy, David B.

REGISTRATION NUMBER: 31,125

REFERENCE/DOCKET NUMBER: 222/211

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 21

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-725-976-2

Query Match 0.3%; Score 16.2; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 2.6e+02;

Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAAAATCAAAAAAGAAAAT 5416

Db 1 AAAAAAAAAAAAAAAAAAAAAU 21

RESULT 138

US-09-082-343-13/C

Sequence 13, Application US/09082343

Patent No. 5968754

GENERAL INFORMATION:

APPLICANT: WATSON, MARK A.

APPLICANT: FLEMING, TIMOTHY P.

TITLE OF INVENTION: DNA SEQUENCE AND ENCODED

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: ROGERS, HOWELL & HAFERKAMP

STREET: 7733 FORSYTH BOULEVARD, SUITE 1400

CITY: ST. LOUIS

STATE: MISSOURI

COUNTRY: USA

ZIP: 63105-1817

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/082,343

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/455,896

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: HOLLAND, DONALD R.

REGISTRATION NUMBER: 35,197

REFERENCE/DOCKET NUMBER: 952726

TELECOMMUNICATION INFORMATION:

TELEPHONE: (314) 727-5188

TELEFAX: (314) 727-6092

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA to mRNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-09-082-343-13

Query Match 0.3%; Score 16.2; DB 1; Length 21;

Best Local Similarity 85.7%; Pred. No. 2.6e+02;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAAA 5413

Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 139

US-08-863-639A-10

Sequence 10, Application US/08863639A

Patent No. 5981185

GENERAL INFORMATION:

APPLICANT: Matson, Robert S.

APPLICANT: Coasiah, Peter J.

APPLICANT: Rampal, Jang B.

TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS

NUMBER OF SEQUENCES: 95

CORRESPONDENCE ADDRESS:

ADDRESSEE: Sheldon & Mak

STREET: 225 South Lake Avenue, 9th Floor

CITY: Pasadena

STATE: CA

COUNTRY: USA

ZIP: 91101

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

COMPUTER: IBM compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: Corel Wordperfect 8 version

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/863,639A

FILING DATE: May 28, 1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Joseph E. Muehl

APPLICATION NUMBER: US/08/373,284A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9215498.8  
FILING DATE: 21-JUL-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 92244386.4  
FILING DATE: 20-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9226165.0  
FILING DATE: 16-DEC-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/GB93/01520  
FILING DATE: 20-JUL-1993  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon & Vanderhye P.C.  
STREET: 1100 No. 5830646th Glebe Road, 8th Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22201-4714  
ATTORNEY/AGENT INFORMATION:  
NAME: Leonard C. Mitchell  
REGISTRATION NUMBER: 23009  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)-816-4000  
TELEFAX: (703)-816-4100  
TELEX: 200797 NIXN UR  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-373-284A-10

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 2.6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3255 CAGAGCTGCGCTGTGTCT 3275  
DB 21 CAGAGACTGTCTGTCTGCGCT 1

RESULT 135  
US-08-743-200-18  
Sequence 18, Application US/08743200  
Patent No. 5861260  
GENERAL INFORMATION:  
APPLICANT: Doehey, Stephen J.  
TITLE OF INVENTION: DIAGNOSTIC METHODS FOR SCREENING  
TITLE OF INVENTION: PATIENTS FOR SCLERODERMA  
NUMBER OF SEQUENCES: 36  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: US  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/743,200  
FILING DATE: 05-NOV-1996  
PRIOR APPLICATION DATA:

APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Faase, J. Peter  
REGISTRATION NUMBER: 32,983  
REFERENCE/DOCKET NUMBER: 07917/025001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-542-5070  
TELEFAX: 617-542-8906  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: oligonucleotide primer  
US-08-743-200-18

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 2.6e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2838 CAGGACAGACATCAACATG 2858  
DB 1 CAGGACTACATCAAGAG 21

RESULT 136  
US-08-933-149-13/C  
Sequence 13, Application US/08933149  
Patent No. 5922836  
GENERAL INFORMATION:  
APPLICANT: WATSON, MARK A.  
APPLICANT: FLEMING, TIMOTHY P.  
TITLE OF INVENTION: MAMMAGLOBIN, A SECRETED  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: HOWELL & HAVERKAMP, L.C.  
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400  
CITY: ST. LOUIS  
STATE: MISSOURI  
COUNTRY: USA  
ZIP: 63105-1817  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/933,149  
FILING DATE:  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: HENDERSON, MELODIE W.  
REGISTRATION NUMBER: 37,848  
REFERENCE/DOCKET NUMBER: 6029-6040  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (314) 727-5188  
TELEFAX: (314) 727-6092  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-933-149-13

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 2.6e+02;

```

; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2069
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-2069

Query Match      0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.4e+02;
Matches 17; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      79 CCCTGCTCTGCGGCTCCTCC 98
DB      20 CCCTGCTCTGCGGATGCTCC 1

RESULT 132
US-08-146-504-2
; Sequence 2, Application US/08146504
; Patent No. 5605662
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J., and Tu, Eugene
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
; TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND DEVICES FOR
; TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS AND
; TITLE OF INVENTION: DIAGNOSTICS
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/146,504
; FILING DATE: No. 5605662member 1, 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 203/218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-146-504-2

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.6e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

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QY      5396 AAATATCAAAAGAAAT 5416
DB      1 AAAAAAAAAAAAAAAAAA 21

RESULT 133
US-08-455-896-13/C
; Sequence 13, Application US/08455896
; Patent No. 5668267
; GENERAL INFORMATION:
; APPLICANT: WATSON, MARK A.
; APPLICANT: FLEMING, TIMOTHY P.
; TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
; TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
; STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
; CITY: ST. LOUIS
; STATE: MISSOURI
; COUNTRY: USA
; ZIP: 63105-1817
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/455,896
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: HOLLAND, DONALD R.
; REGISTRATION NUMBER: 35,197
; REFERENCE/DOCKET NUMBER: 952726
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (314) 727-5188
; TELEFAX: (314) 727-6092
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
US-08-455-896-13

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAATCAAAAGAAAT 5413
DB      21 AAAAAAAAAAAAAAAAAA 1

RESULT 134
US-08-373-284A-10/C
; Sequence 10, Application US/08373284A
; Patent No. 5630646
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: DIAGNOSTIC METHOD
; NUMBER OF SEQUENCES: 13
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS-DOS 7
; SOFTWARE: Wordpad for Windows 95
; CURRENT APPLICATION DATA:
```

SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-940-242A-75

Query Match 0.3%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 2.3e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 801 TCCCTCATTCCTCAG 818  
DB 20 TCCCTCATTCCTCAG 3

RESULT 128  
US-09-659-791A-65/C  
Sequence 65, Application US/09659791A  
Patent No. 6383808  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Susan M. Freier  
TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION  
FILE REFERENCE: RRS-0156  
CURRENT APPLICATION NUMBER: US/09/659,791A  
CURRENT FILING DATE: 2000-09-11  
NUMBER OF SEQ ID NOS: 90  
SEQ ID NO 65  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-659-791A-65

Query Match 0.3%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 2.3e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 2082 CTGGGTGCTGCTGCTGAC 2099  
DB 20 CTGGGTGCTGCTGCTGAC 3

RESULT 129  
US-09-198-452A-4847  
Sequence 4847, Application US/09198452A  
Patent No. 6559294  
GENERAL INFORMATION:  
APPLICANT: Griffiths, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
TITLE OF INVENTION: and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198,452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 4847  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-4847

Query Match 0.3%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 2.3e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1620 CTTGAGTCGAGAGCT 1637  
DB 2 CTTGAGTCGAGAGCT 19

RESULT 130  
US-09-081-385-40/C  
Sequence 40, Application US/09081385  
Patent No. 6593456  
GENERAL INFORMATION:  
APPLICANT: Gatanaga, T.  
APPLICANT: Granger, G.A.  
TITLE OF INVENTION: Factors Altering Tumor Necrosis  
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods  
TITLE OF INVENTION: of Use Thereof  
NUMBER OF SEQUENCES: 154  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: MORRISON & ROESTER  
STREET: 755 PEARL HARBOR ROAD  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows  
SOFTWARE: FastSeq for Windows Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/081,385  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/964,747  
FILING DATE: 05-NOV-1997  
APPLICATION NUMBER: 60/030,761  
FILING DATE: 06-NOV-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Wu, Frank  
REGISTRATION NUMBER: 41,386  
REFERENCE/DOCKET NUMBER: 22000-20577.21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-813-5600  
TELEFAX: 650-494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-081-385-40

Query Match 0.3%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 2.3e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1181 GAGAGAGAGAGAGAGA 1198  
DB 20 GAGAGAGAGAGAGAGA 3

RESULT 131  
US-09-657-472-2069/C  
Sequence 2069, Application US/09657472  
Patent No. 6727063  
GENERAL INFORMATION:  
APPLICANT: Lander, Eric S.  
APPLICANT: Cargill, Michele  
APPLICANT: Ireland, James S.  
APPLICANT: Bolik, Stacey  
APPLICANT: Daley, George Q.  
APPLICANT: McCarthy, Jeanette J.  
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES  
FILE REFERENCE: 2825.1027-001  
CURRENT APPLICATION NUMBER: US/09/657,472  
CURRENT FILING DATE: 2000-09-07  
PRIOR APPLICATION NUMBER: US 60/153,357

RESULT 124  
US-08-700-530-3  
; Sequence 3, Application US/08700530  
; Patent No. 6316186  
; GENERAL INFORMATION:  
; APPLICANT: EKINS, Roger P  
; TITLE OF INVENTION: Binding assay using binding agents with tail groups  
; FILE REFERENCE: 0380-P01180US0  
; CURRENT APPLICATION NUMBER: US/08/700,530  
; PRIOR FILING DATE: 1996-10-23  
; PRIOR APPLICATION NUMBER: PCT/GB95/00521  
; PRIOR FILING DATE: 1995-03-10  
; PRIOR APPLICATION NUMBER: GB 9404709.9  
; PRIOR FILING DATE: 1994-03-11  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 3  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
US-08-700-530-3

Query Match 0.3%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAGAGAGAGAGAGA 1198  
DB 1 GAGAGAGAGAGAGAGA 18

RESULT 125  
US-08-700-530-4/C  
; Sequence 4, Application US/08700530  
; Patent No. 6316186  
; GENERAL INFORMATION:  
; APPLICANT: EKINS, Roger P  
; TITLE OF INVENTION: Binding assay using binding agents with tail groups  
; FILE REFERENCE: 0380-P01180US0  
; CURRENT APPLICATION NUMBER: US/08/700,530  
; CURRENT FILING DATE: 1996-10-23  
; PRIOR APPLICATION NUMBER: PCT/GB95/00521  
; PRIOR FILING DATE: 1995-03-10  
; PRIOR APPLICATION NUMBER: GB 9404709.9  
; PRIOR FILING DATE: 1994-03-11  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
US-08-700-530-4

Query Match 0.3%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAGAGAGAGAG 1197  
DB 18 AGAGAGAGAGAGAGAG 1

RESULT 126  
US-09-544-398B-253/C  
; Sequence 253, Application US/09544398B  
; Patent No. 6770461

; GENERAL INFORMATION:  
; APPLICANT: Carulli, John P.  
; APPLICANT: Little, Randall D.  
; APPLICANT: Becker, Robert R.  
; APPLICANT: Johnson, Mark L.  
; TITLE OF INVENTION: High bone mass gene of 11q13.3  
; FILE REFERENCE: 032796-013  
; CURRENT APPLICATION NUMBER: US/09/544,398B  
; CURRENT FILING DATE: 2002-06-10  
; PRIOR APPLICATION NUMBER: US 09/229,319  
; PRIOR FILING DATE: 1999-01-13  
; PRIOR APPLICATION NUMBER: US 60/071,449  
; PRIOR FILING DATE: 1998-01-13  
; PRIOR APPLICATION NUMBER: US 60/105,511  
; PRIOR FILING DATE: 1998-10-23  
; NUMBER OF SEQ ID NOS: 641  
; SOFTWARE: PatSeq for Windows Version 4.0  
; SEQ ID NO 253  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-544-398B-253

Query Match 0.3%; Score 16.4; DB 1; Length 19;  
Best Local Similarity 94.4%; Pred. No. 2.2e+02; 1; Indels 0; Gaps 0;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3924 GTTCTGGGTGAGATCAA 3941  
DB 19 GTTCTGGGTGAGATCAA 2

RESULT 127  
US-07-940-242A-75/C  
; Sequence 75, Application US/07940242A  
; Patent No. 5427909  
; GENERAL INFORMATION:  
; APPLICANT: OKAMOTO, Hiroaki  
; APPLICANT: NAKAMURA, Tetsuo  
; TITLE OF INVENTION: OLIGONUCLEOTIDES AND DETERMINATION  
; NUMBER OF SEQUENCES: 99  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Beveridge, Degrandi, Wellacher & Young  
; STREET: 1850 M Street, N.W. (Suite 800)  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: US  
; ZIP: 20036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/940,242A  
; FILING DATE: 08-SEP-1992  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 307296/91  
; FILING DATE: 09-SEP-1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 093960/92  
; FILING DATE: 28-FEB-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Wellacher, Robert G.  
; REGISTRATION NUMBER: 20,531  
; REFERENCE/DOCKET NUMBER: 06/87-48095  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 659-2811  
; TELEFAX: (202) 659-1462  
; TELEX: WOI 64470  
; INFORMATION FOR SEQ ID NO: 75:

```
STRANDEDNESS: single
;
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-195-991-44

Query Match      0.3%; Score 16.8; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 2.2e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1179 CAGAGAAAGAGAGAGAGAAAT 1201
Db      1 CAGAGAGAGAGAGAGANNNAATT 23

RESULT 122
PCT-US91-03680-39/c
; Sequence 39, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 2..4
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 7
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 9
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 11
; OTHER INFORMATION: /mod_base= OTHER
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OTHER INFORMATION: /note= "5-methylcytosine"
;
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 13
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 15
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 17
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 21
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
PCT-US91-03680-39

Query Match      0.3%; Score 16.6; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 2.2e+02;
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1183 GAAAGAGAGAGAGAA 1199
Db      21 KAAAGAGAGAGAGAGAA 5

RESULT 123
US-08-885-126-12/c
; Sequence 12, Application US/08885126A
; Patent No. 5955597
; GENERAL INFORMATION:
; APPLICANT: Arnold, Lyle J.
; APPLICANT: Riley, Timothy A.
; APPLICANT: Reynolds, Mark A.
; APPLICANT: Schwartz, David A.
; TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
; TITLE OF INVENTION: OLIGOMERS
; FILE REFERENCE: GENTA.020FW2
; CURRENT APPLICATION NUMBER: US/08/885,126A
; CURRENT FILING DATE: 1997-06-30
; EARLIER APPLICATION NUMBER: 08/343,018
; EARLIER FILING DATE: 1994-11-21
; EARLIER APPLICATION NUMBER: 08/154,013
; EARLIER FILING DATE: 1993-11-16
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Chemically synthesized oligomer
US-08-885-126-12

Query Match      0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAG 1197
Db      18 AGAGAGAGAGAGAGAG 1
```



US-08-932-978-4/c  
; Sequence 4, Application US/08932978  
; Patent No. 5885804  
; GENERAL INFORMATION:  
; APPLICANT: Zalacain, Magdalena  
; APPLICANT: Brown, James R.  
; TITLE OF INVENTION: NOVEL PHOS  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Dechert Price & Rhoads  
; STREET: 4000 Bell Atlantic tower, 1717 Arch Stre  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: US  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/932,978  
; FILING DATE:  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Dickinson, Todd Q  
; REGISTRATION NUMBER: 28,354  
; REFERENCE/DOCKET NUMBER: GM0100  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-994-2252  
; TELEFAX: 215-994-2222  
; TLEX: 215-994-2222  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-932-978-4

Query Match 0.3%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 2e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4932 GAACCTTGATGATGCTTTG 4951  
Db 21 GACCTTGATGATGCTTTG 2

RESULT 120  
US-08-585-888-44  
; Sequence 44, Application US/08585888  
; Patent No. 5874215  
; GENERAL INFORMATION:  
; APPLICANT: KUIPER, Martin T.R.  
; APPLICANT: ZABEAU, Marc  
; APPLICANT: VOS, Pieter  
; TITLE OF INVENTION: AMPLIFICATION OF SIMPLE SEQUENCE REPEATS  
; NUMBER OF SEQUENCES: 47  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: BURNS, DOANE, SWECKER & MATHIS  
; STREET: P.O. Box 1404  
; CITY: Alexandria  
; STATE: Virginia  
; COUNTRY: United States  
; ZIP: 22313-1404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Releasee #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/585,888  
; FILING DATE: 16-JAN-1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP 9540080.8  
; FILING DATE: 16-JAN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McGowan, Malcolm K.  
; REGISTRATION NUMBER: 39,300  
; REFERENCE/DOCKET NUMBER: 010830-097  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 836-6620  
; TELEFAX: (703) 836-2021  
; INFORMATION FOR SEQ ID NO: 44:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 23 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; US-08-585-888-44

Query Match 0.3%; Score 16.8; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1179 CAGAGAAAGAGAGAGAGAAAT 1201  
Db 1 CAGAGAGAGAGAGAGAGANNNAATT 23

RESULT 121  
US-09-195-991-44  
; Sequence 44, Application US/09195991  
; Patent No. 6218119  
; GENERAL INFORMATION:  
; APPLICANT: KUIPER, Martin T.R.  
; APPLICANT: ZABEAU, Marc  
; APPLICANT: VOS, Pieter  
; TITLE OF INVENTION: AMPLIFICATION OF SIMPLE SEQUENCE REPEATS  
; NUMBER OF SEQUENCES: 47  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: BURNS, DOANE, SWECKER & MATHIS  
; STREET: P.O. Box 1404  
; CITY: Alexandria  
; STATE: Virginia  
; COUNTRY: United States  
; ZIP: 22313-1404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Releasee #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/195,991  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/585,888  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McGowan, Malcolm K.  
; REGISTRATION NUMBER: 39,300  
; REFERENCE/DOCKET NUMBER: 010830-097  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 836-6620  
; TELEFAX: (703) 836-2021  
; INFORMATION FOR SEQ ID NO: 44:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 23 base pairs  
; TYPE: nucleic acid

; Sequence 158, Application US/09980052  
; Patent No. 6670130  
; GENERAL INFORMATION:  
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.  
; APPLICANT: KIM, Cheol Min  
; APPLICANT: PARK, Hee Kyung  
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria  
; FILE REFERENCE: P05020/PCT  
; CURRENT APPLICATION NUMBER: US/09/980,052  
; PRIOR FILING DATE: 2001-11-28  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 243  
; SOFTWARE: Koparentin 1.71  
; SEQ ID NO 158  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium smegmatis  
US-09-980-052-158

Query Match 0.3%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 1.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 193 CGTTGCCACACCCCATCTC 212  
DB 20 CGTTCCACACCGCATCTC 1

RESULT 117  
US-08-066-325-29  
; Sequence 29, Application US/08066325  
; Patent No. 5667967  
; GENERAL INFORMATION:  
; APPLICANT: Steinman, Lawrence  
; APPLICANT: Okenberg, Jorge  
; APPLICANT: Bernard, Claude  
; TITLE OF INVENTION: T-CELL RECEPTOR VARIABLE TRANSCRIPTS AS DISEASE RELATED MARKS  
; NUMBER OF SEQUENCES: 157  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/066,325  
; FILING DATE: 21-May-1993  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: No. 5667967tenburg Ph.D., Carol  
; REGISTRATION NUMBER: 39,317  
; REFERENCE/DOCKET NUMBER: 690068.408C1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900

; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 29:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-08-066-325-29

Query Match 0.3%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 2e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 TGAAGTCTGGAAGAGAG 579  
DB 2 TGAAGTCTGTAAGAGAG 21

RESULT 118  
US-08-753-147-31  
; Sequence 31, Application US/08753147  
; Patent No. 5770372  
; GENERAL INFORMATION:  
; APPLICANT: Concannon, Patrick  
; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene  
; NUMBER OF SEQUENCES: 196  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Christensen O'Connor Johnson and Kindness  
; STREET: 1420 5th Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98101-2347  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/753,147  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sheiness, Diana K.  
; REGISTRATION NUMBER: 35,356  
; REFERENCE/DOCKET NUMBER: VMRC-1-9714  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 743-4387  
; TELEFAX: (206) 224 0779  
; INFORMATION FOR SEQ ID NO: 31:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Homo sapiens  
US-08-753-147-31

Query Match 0.3%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 2e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3639 AATTGCTGAGATTGACAGAG 3658  
DB 1 AATTGCTGAGATTGACAGAG 20

RESULT 119  
US-08-753-147-31  
; Sequence 31, Application US/08753147  
; Patent No. 5770372  
; GENERAL INFORMATION:  
; APPLICANT: Concannon, Patrick  
; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene  
; NUMBER OF SEQUENCES: 196  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Christensen O'Connor Johnson and Kindness  
; STREET: 1420 5th Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98101-2347  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/753,147  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sheiness, Diana K.  
; REGISTRATION NUMBER: 35,356  
; REFERENCE/DOCKET NUMBER: VMRC-1-9714  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 743-4387  
; TELEFAX: (206) 224 0779  
; INFORMATION FOR SEQ ID NO: 31:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Homo sapiens  
US-08-753-147-31

NUMBER OF SEQ ID NOS: 176  
SEQ ID NO 85  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-487-445-85

Query Match 0.3%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 1.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3175 CTTGCCAGAGCTGAGACA 3194  
Db 20 CTTGCCAGAGCTGAGACA 1

RESULT 114  
US-09-060-299-78  
Sequence 78, Application US/09060299  
Patent No. 6545137  
GENERAL INFORMATION:  
APPLICANT: Todd, John A  
APPLICANT: Hees, John W  
APPLICANT: Caskey, Charles T  
APPLICANT: Cox, Roger D  
APPLICANT: Gerhold, David  
APPLICANT: Hammond, Holly  
APPLICANT: Hey, Patricia  
APPLICANT: Kawaguchi, Yoshiniko  
APPLICANT: Merriman, Tony R  
APPLICANT: Metzker, Michael L  
TITLE OF INVENTION: No. 6545137el Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Nixon and Vanderhye  
STREET: 1100 No. 6545137th Glebe Road, Eighth Floor  
City: Arlington  
STATE: Virginia  
COUNTRY: US  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Releasee #1.0, Version #1.25 (BPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/060,299  
FILING DATE: 15-APR-1998  
CLASSIFICATION: 435  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-35  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 78:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-060-299-78

Query Match 0.3%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 1.9e+02;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 3599 AGGCTATCTCAAACTCTG 3618  
Db 1 AGGCTGTCTCAAACTCTG 20

RESULT 115  
US-09-402-923A-78  
Sequence 78, Application US/09402923A  
Patent No. 655654  
GENERAL INFORMATION:  
APPLICANT: Todd, John A  
APPLICANT: Hees, John W  
APPLICANT: Caskey, Charles T  
APPLICANT: Cox, Roger D  
APPLICANT: Gerhold, David  
APPLICANT: Hammond, Holly  
APPLICANT: Hey, Patricia  
APPLICANT: Kawaguchi, Yoshiniko  
APPLICANT: Merriman, Tony R  
APPLICANT: Metzker, Michael L  
TITLE OF INVENTION: No. 655654el LDL-Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Nixon and Vanderhye  
STREET: 1100 No. 655654th Glebe Road, Eighth Floor  
City: Arlington  
STATE: Virginia  
COUNTRY: US  
ZIP: VA 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Releasee #1.0, Version #1.25 (BPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/402,923A  
FILING DATE: 14-Feb-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB98/01102  
FILING DATE: 15-APR-1998  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-81  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 78:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-402-923A-78

Query Match 0.3%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 1.9e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3599 AGGCTATCTCAAACTCTG 3618  
Db 1 AGGCTGTCTCAAACTCTG 20

RESULT 116  
US-09-980-052-158/c

; SEQ ID NO 25  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Poly A  
US-09-720-201A-25

Query Match 0.3%; Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAA 5414  
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 111  
US-09-074-357-16  
; Sequence 16, Application US/09074357  
; Patent No. 6133024  
; GENERAL INFORMATION:  
; APPLICANT: GIOVANNANGELI, CARINE  
; APPLICANT: HELENE, CLAUDE  
; TITLE OF INVENTION: GENE EXPRESSION CONTROL  
; NUMBER OF SEQUENCES: 17  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Rhone-Poulenc Rorer Inc.  
; STREET: 500 Arcola Rd. 3C43  
; CITY: Collegeville  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19426  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/074,357  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/669,274  
; FILING DATE:  
; APPLICATION NUMBER: FR 93-15798  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: WO 94-01536  
; FILING DATE: 27-DEC-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Smith Ph.D., Julie K.  
; REGISTRATION NUMBER: 38,619  
; REFERENCE/DOCKET NUMBER: EX93022-US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (610)454-3839  
; TELEFAX: (610)454-3808  
; INFORMATION FOR SEQ ID NO: 16:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 23 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
US-09-074-357-16

Query Match 0.3%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2560 GATGAGGGGAGAGAGATGG 2581  
|| ||||| ||||| ||||| ||

Db 2 GAAGAGGGAGAGAGAGAAAG 23

RESULT 112  
US-08-465-343A-7/C  
; Sequence 7, Application US/08465343A  
; Patent No. 621968  
; GENERAL INFORMATION:  
; APPLICANT: WYLER, David J.  
; APPLICANT: PRAKASH, Sathana  
; APPLICANT: Zhang, Xiaoping  
; TITLE OF INVENTION: RSP-1 AND THE EARLY DETECTION  
; OF FIBROSIS  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Fish & Richardson P.C.  
; STREET: 225 Franklin Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02110-2804  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: Windows95  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/465,343A  
; FILING DATE: 05-JUN-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/395,674  
; FILING DATE: 28-FEB-1995  
; APPLICATION NUMBER: 08/152,904  
; FILING DATE: 15-NOV-1993  
; APPLICATION NUMBER: 07/840,426  
; FILING DATE: 24-FEB-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: WeikleJohn, Ph.D., Anita L.  
; REGISTRATION NUMBER: 35,283  
; REFERENCE/DOCKET NUMBER: 00398/096002  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617/542-5070  
; TELEFAX: 617/542-8906  
; TELEX: 200154  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
US-08-465-343A-7

Query Match 0.3%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 1.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 568 CTGAGAGGAGGAGCTGAAG 589  
Db 22 CTGAGAGGAGGAGCTGAAG 1

RESULT 113  
US-09-487-445-85/C  
; Sequence 85, Application US/09487445  
; Patent No. 6258600  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Ilex M. Cowbert  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION  
; FILE REFERENCE: RTS-0107  
; CURRENT APPLICATION NUMBER: US/09/487,445  
; CURRENT FILING DATE: 2000-01-19

GENERAL INFORMATION:  
APPLICANT: KAZAZIAN JR., HAIG H.  
APPLICANT: BOEKE, JEFF D.  
APPLICANT: MORAN, JOHN V.  
APPLICANT: DOMBOSKI, BETH A.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF  
TITLE OF INVENTION: MAMMALIAN RETROTRANSPOSONS  
NUMBER OF SEQUENCES: 137  
CORRESPONDENCE ADDRESS:  
ADDRESSER: PANTICH SCHWARZ JACOBS & NADEL, P.C.  
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND FL.  
CITY: PHILADELPHIA  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103-7086  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/847,844A  
FILING DATE: 28-APR-1997  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/749,805  
FILING DATE: 16-NOV-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/006,831  
FILING DATE: 16-NOV-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: DOYLE LEARY Ph.D., KATHRYN  
REGISTRATION NUMBER: 36,317  
REFERENCE/DOCKET NUMBER: 9596-2302  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-567-2020  
TELEFAX: 215-567-2991  
INFORMATION FOR SEQ ID NO: 94:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA (genomic)  
US-08-847-844A-94

Query Match 0.3%; Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAGAAAAAGAAAA 5414  
|||||  
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 109  
US-08-950-196-19  
Sequence 19, Application US/08950196  
GENERAL INFORMATION:  
APPLICANT: TORRENCE, PAUL  
APPLICANT: ROBERT, SILVERMAN  
APPLICANT: RATAN, MAITRA  
APPLICANT: KRISTINA, LESIAK  
TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES  
TITLE OF INVENTION: OF RNA  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Knobbe, Martens, Olson and Bear  
STREET: 620 Newport Center Drive  
CITY: Newport Beach  
STATE: CA  
COUNTRY: USA

ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS version  
SOFTWARE: FastSeq Version 1.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/950,196  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/123,449  
FILING DATE:  
APPLICATION NUMBER: PCT/US93/10103  
FILING DATE: 10-OCT-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Fedrick, Michael F.  
REGISTRATION NUMBER: 36,799  
REFERENCE/DOCKET NUMBER: NIH034,001QPC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-760-0404  
TELEFAX: 714-760-9502  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: miscellaneous feature  
LOCATION: 1-4  
OTHER INFORMATION: A is linked by 2',5'-linkage  
FEATURE:  
NAME/KEY: miscellaneous feature  
LOCATION: 4  
OTHER INFORMATION: A is linked at 2' end to following  
OTHER INFORMATION: base through a linker moiety  
US-08-950-196-19

Query Match 0.3%; Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAGAAAAAGAAAA 5414  
|||||  
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 110  
US-09-720-201A-25  
Sequence 25, Application US/09720201A  
GENERAL INFORMATION:  
APPLICANT: KOHARA, MICHINORI  
APPLICANT: KOHARA, KYOKO  
APPLICANT: TAIRA, KAZUWARI  
APPLICANT: MATSUZAKI, JUNICHI  
APPLICANT: OHMORI, HIROSHI  
TITLE OF INVENTION: A VECTOR EXPRESSING AN RNA VIRAL FULL-LENGTH GENE AND  
TITLE OF INVENTION: ITS USE  
FILE REFERENCE: 04853.0051-00000  
CURRENT APPLICATION NUMBER: US/09/720,201A  
CURRENT FILING DATE: 2000-12-22  
PRIOR APPLICATION NUMBER: JP 98/177,820  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: PCT/JP99/03381  
PRIOR FILING DATE: 1999-06-24  
NUMBER OF SEQ ID NOS: 25  
SOFTWARE: Patentin Ver. 2.1

```
Db 1 CCCTCACCTCACCTCAC 19

RESULT 106
US-08-123-449A-19
; Sequence 19, Application US/08123449A
; Patent No. 5583032
; GENERAL INFORMATION:
; APPLICANT: TORRENCE, PAUL
; APPLICANT: ROBERT, SILVERMAN
; APPLICANT: RATAN, MAITRA
; APPLICANT: KRISTYNA, LESIAK
; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS version
; SOFTWARE: FastSeq Version 1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/123,449A
; FILING DATE:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10103
; FILING DATE: 10-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Fedrick, Michael F.
; REGISTRATION NUMBER: 36,799
; REFERENCE/DOCKET NUMBER: NIH034.0010PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: miscellaneous feature
; LOCATION: 1-4
; OTHER INFORMATION: A is linked by 2', 5'-linkage
; FEATURE:
; NAME/KEY: miscellaneous feature
; LOCATION: 4
; OTHER INFORMATION: A is linked at 2' end to following
; OTHER INFORMATION: base through a linker moiety
; US-08-123-449A-19

Query Match 0.3%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAAAAAGAAAA 5414
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 107
US-08-458-050-19

; Sequence 19, Application US/08458050
; Patent No. 5677289
; GENERAL INFORMATION:
; APPLICANT: TORRENCE, PAUL
; APPLICANT: ROBERT, SILVERMAN
; APPLICANT: RATAN, MAITRA
; APPLICANT: KRISTYNA, LESIAK
; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS version
; SOFTWARE: FastSeq Version 1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/458,050
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 514
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/123,449
; FILING DATE: 17-SEP-1993
; APPLICATION NUMBER: PCT/US93/10103
; FILING DATE: 10-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Fedrick, Michael F.
; REGISTRATION NUMBER: 36,799
; REFERENCE/DOCKET NUMBER: NIH034.0010PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: miscellaneous feature
; LOCATION: 1-4
; OTHER INFORMATION: A is linked by 2', 5'-linkage
; FEATURE:
; NAME/KEY: miscellaneous feature
; LOCATION: 4
; OTHER INFORMATION: A is linked at 2' end to following
; OTHER INFORMATION: base through a linker moiety
; US-08-458-050-19

Query Match 0.3%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAAAAAGAAAA 5414
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 108
US-08-847-844A-94
; Sequence 94, Application US/08847844A
; Patent No. 6150160
```

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1180 AGAGAAAGAGAGAGAGA 1198  
|||||  
Db 1 AGAGAGAGAGAGAGAGA 19

## RESULT 103

US-08-863-639A-93/C

Sequence 93, Application US/08863639A

Patent No. 5981185

GENERAL INFORMATION:

APPLICANT: Matsun, Robert S.

APPLICANT: Coassin, Peter J.

APPLICANT: Rampal, Jang B.

APPLICANT: Caskey, C. T.

TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS

NUMBER OF SEQUENCES: 95

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Sheldon &amp; Mak

STREET: 225 South Lake Avenue, 9th Floor

CITY: Pasadena

STATE: CA

COUNTRY: USA

ZIP: 91101

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

COMPUTER: IBM compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: Corel WordPerfect 8 version

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/863,639A

FILING DATE: May 28, 1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Joseph E. Muech

REGISTRATION NUMBER: 20,532

REFERENCE/DOCKET NUMBER: 11859-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (626)796-4000

TELEFAX: (626) 795-6321

INFORMATION FOR SEQ ID NO: 93:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULAR TYPE: Other nucleic acid

US-08-863-639A-93

Query Match 0.3%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 1.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGA 1198

Db 20 AGAGAGAGAGAGAGAGA 2

RESULT 104  
US-09-470-443-38  
Sequence 38, Application US/09470443  
Patent No. 6441156  
GENERAL INFORMATION:  
APPLICANT: Lerman, Michael I.  
APPLICANT: Minna, John D.  
APPLICANT: Latif, Farida  
APPLICANT: Wei, Ming-Hui  
APPLICANT: Sekido, Yoshitaka  
APPLICANT: Gao, Boning  
APPLICANT: Duh, Fuh-Mei  
TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof  
FILE REFERENCE: NIH-05043

CURRENT APPLICATION NUMBER: US/09/470,443  
CURRENT FILING DATE: 1999-12-22  
EARLIER APPLICATION NUMBER: 60/114,359  
EARLIER FILING DATE: 1998-12-30  
NUMBER OF SEQ ID NOS: 114  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 38  
LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURES:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-470-443-38

Query Match 0.3%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 1.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5074 CTGGTGCCACAGCAGCCA 5092

Db 1 CTGGTGCCACAGCAGCTCA 19

## RESULT 105

US-08-817-384A-13

Sequence 13, Application US/08817384A

Patent No. 6235468

GENERAL INFORMATION:

APPLICANT: Duncan Martin BAIRD

APPLICANT: Alec John JEFFREYS

APPLICANT: Nicola Jane ROYLE

TITLE OF INVENTION: Method For Characterising Variability in

TITLE OF INVENTION: Telomere DNA by PCR

NUMBER OF SEQUENCES: 22

CORRESPONDENCE ADDRESSES:

ADDRESSEE: PILLSBURY MADISON &amp; SUTRO, L.L.P.

STREET: 1100 New York Avenue, N.W.

CITY: WASHINGTON

STATE: D.C.

COUNTRY: U.S.A.

ZIP: 20005-3918

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Microsoft Word

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/817,384A

FILING DATE: 16-APR-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: WO PCT/GB95/02467

FILING DATE: 19-OCT-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9510639.9

FILING DATE: 25-MAY-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9421234.7

FILING DATE: 21-OCT-1994

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 23 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-817-384A-13

Query Match 0.3%; Score 17.4; DB 1; Length 23;  
Best Local Similarity 94.7%; Pred. No. 1.7e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 228 CCCTACCTCACCCTCC 246

|||||

STATE: California  
COUNTRY: USA  
ZIP: CA 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/004,552  
FILING DATE: 19930114  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, Karen S.  
REGISTRATION NUMBER: 31,426  
REFERENCE/DOCKET NUMBER: A-57666/KSS  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 781-1989  
TELEFAX: (415) 398-3249  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 1..20  
OTHER INFORMATION: /note="BTC-20 Oligonucleotide,  
OTHER INFORMATION: biotinylated at 5'-end."  
US-08-004-552-1

Query Match 0.3%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 1.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGA 1198  
Db 19 AGAGAGAGAGAGAGAGA 1

RESULT 101  
US-08-223-355-23/c  
Sequence 23, Application US/08223355  
Patent No. 5854410  
GENERAL INFORMATION:  
APPLICANT: Arnold Jr., Lyle J.  
APPLICANT: Reynolds, Mark A.  
APPLICANT: Schwartz, David A.  
APPLICANT: Daily, William J.  
TITLE OF INVENTION: Oligonucleoside Cleavage Compounds and  
TITLE OF INVENTION: Therapies  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 611 W. Sixth St.  
CITY: Los Angeles  
STATE: CA  
COUNTRY: USA  
ZIP: 90017  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/223,355  
FILING DATE: 31-MAR-1994  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Meier, Paul H.  
REGISTRATION NUMBER: 32,274

REFERENCE/DOCKET NUMBER: 200/069  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 213/489-1600  
TELEFAX: 213/955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 23:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
HYPOTHETICAL: Yes  
ANTI-SENSE: No  
FEATURE:  
NAME/KEY: R183  
OTHER INFORMATION: target strand  
US-08-223-355-23

Query Match 0.3%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 1.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1179 CAGAGAAAGAGAGAGAG 1197  
Db 20 CAGAGAGAGAGAGAGAG 2

RESULT 102  
US-08-863-639A-72  
Sequence 72, Application US/08863639A  
Patent No. 5981185  
GENERAL INFORMATION:  
APPLICANT: Matson, Robert S.  
APPLICANT: Coaslin, Peter J.  
APPLICANT: Rampal, Jang B.  
APPLICANT: Caskey, C. T.  
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS  
NUMBER OF SEQUENCES: 95  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sheldon & Mak  
STREET: 225 South Lake Avenue, 9th Floor  
CITY: Pasadena  
STATE: CA  
COUNTRY: USA  
ZIP: 91101  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Corel Wordperfect 8 version  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/863,639A  
FILING DATE: May 28, 1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph E. Muech  
REGISTRATION NUMBER: 20,532  
REFERENCE/DOCKET NUMBER: 11859-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (626) 796-4000  
TELEFAX: (626) 795-6321  
INFORMATION FOR SEQ ID NO: 72:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other nucleic acid  
US-08-863-639A-72

Query Match 0.3%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 1.5e+02;



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/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmca Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 13290
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-13290
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Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
QY 3475 AGCAGACGAAACCAAGTGTGATG 3498
DB 2 AGCAGAGTGAAAGCCAGTGTGAGG 25
```

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RESULT 98
US-09-866-108A-13292
/ Sequence 13292, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AECMCA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
```

```
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmca Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 13292
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-13292
```

```
Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
QY 3476 GCAGACGAAACCAAGTGTGATGA 3499
DB 1 GCAGAGTGAAAGCCAGTGTGAGGA 24
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```
RESULT 99
US-09-422-978-5847/C
/ Sequence 5847, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marla
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ PRIOR FILING DATE: 1999-10-20
/ PRIOR APPLICATION NUMBER: US 09/298,850
/ PRIOR FILING DATE: 1999-04-21
/ PRIOR APPLICATION NUMBER: US 60/109,732
/ PRIOR FILING DATE: 1998-11-23
/ PRIOR APPLICATION NUMBER: US 60/082,614
/ PRIOR FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 5847
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..19
/ OTHER INFORMATION: upstream amplification primer 99-7311 for SEQ 1913.
US-09-422-978-5847
```

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Query Match 0.3%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1181 GAGAAAGAGAGAGAGAA 1199
DB 19 GAAAGAGAGAGAGAGAA 1
```

```
RESULT 100
US-08-004-552-1/C
/ Sequence 1, Application US/08004552
/ Patent No. 5482836
/ GENERAL INFORMATION:
/ APPLICANT: Cantor, Charles R.
/ APPLICANT: Ito, Takashi
/ APPLICANT: Smith, Cassandra L.
/ TITLE OF INVENTION: DNA PURIFICATION BY TRIPLE-AFFINITY
/ TITLE OF INVENTION: CAPTURE AND AFFINITY CAPTURE ELECTROPHORESIS
/ NUMBER OF SEQUENCES: 4
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Karen S. Smith
/ STREET: 4 Embarcadero Center, Suite 3400
/ CITY: San Francisco
```

```

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1575
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 4832
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-4832

Query Match          0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      3257 AGAGCTGCGCTCTGCTTAGTG 3280
Db      1 AGAGCTGCGCTCTCATCAGTG 24

RESULT 95
US-09-866-108A-12949
; Sequence 12949, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 12949
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-12949

Query Match          0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      2112 GATGACGAGATGACGAGGA 2135
Db      2 GATGAGCAGATGACGAGGA 25
```

```

RESULT 96
US-09-866-108A-12950
; Sequence 12950, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 12950
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-12950

Query Match          0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      2112 GATGACGAGATGACGAGGA 2135
Db      1 GATGAGCAGATGACGAGGA 24

RESULT 97
US-09-866-108A-13290
; Sequence 13290, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
```

```

; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1152
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1152

Query Match
Best Local Similarity 83.3%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5410 AAAAAATGAAATTAAGGATTAAG 5433
DB 2 AAGAAATGAAATTAAGGATTAAG 25

RESULT 92
US-09-827-998-1154
; Sequence 1154, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMRP-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1154
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1154

Query Match
Best Local Similarity 83.3%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5411 AAAAAATGAAATTAAGGATTAAG 5434
DB 1 AAAAAATGAAATTAAGGATTAAG 24

RESULT 93
US-09-866-108A-4831
; Sequence 4831, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
```

```

; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 4831
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-4831

Query Match
Best Local Similarity 83.3%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3257 AGAGCTGGCCCTGTGCTTAGTG 3280
DB 2 AGAGCTGGCCCTGTGCTTAGTG 25

RESULT 94
US-09-866-108A-4832
; Sequence 4832, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
```

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Psuedo-sequence  
US-09-721-154-2

Query Match 0.3%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 1.6e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAAGAAAAAT 5416  
Db 24 AAAAAAAAAAAAAAAAAATAAAAAT 1

RESULT 88  
US-09-915-152-9  
Sequence 9, Application US/09915152  
Patent No. 6784207  
GENERAL INFORMATION:  
APPLICANT: Fluehmann, Beat  
APPLICANT: Heim, Manuel  
APPLICANT: Hunziker, Willi  
APPLICANT: Weber, Peter  
TITLE OF INVENTION: PHYTANIC ACID DERIVATIVE COMPOSITIONS AND METHOD OF TREATING  
TITLE OF INVENTION: AND/OR PREVENTING DIABETES MELLITUS  
FILE REFERENCE: 20722 US/Mez (C038435/0119491)  
CURRENT FILING DATE: 2001-07-25  
PRIOR APPLICATION NUMBER: EPO 00116848.3  
PRIOR FILING DATE: 2000-08-04  
NUMBER OF SEQ ID NOS: 45  
SOFTWARE: Patentin version 3.2  
SEQ ID NO 9  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide used for the amplification of  
US-09-915-152-9

Query Match 0.3%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 1.6e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3128 AGCTGACCTGAGCTTCATGTCG 3151  
Db 1 AGCTGACCTGAGCTTCATGAGACG 24

RESULT 89  
US-08-113-646A-42  
Sequence 42, Application US/08113646A  
Patent No. 5578468  
GENERAL INFORMATION:  
APPLICANT: PICKUP, David J.  
APPLICANT: PATEL, Dhavalakumar  
APPLICANT: ANTCAZAK, James B.  
TITLE OF INVENTION: SITE-SPECIFIC RNA CLEAVAGE  
NUMBER OF SEQUENCES: 44  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NIXON & VANDERHAYE P.C.  
STREET: 1100 NORTH GLEBB ROAD  
CITY: ARLINGTON  
STATE: VIRGINIA  
COUNTRY: U.S.A.  
ZIP: 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/113,646A  
FILING DATE: 31-AUG-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/084,406  
FILING DATE: 10-AUG-1987  
ATTORNEY/AGENT INFORMATION:  
NAME: WILSON, MARY J.  
REGISTRATION NUMBER: 32,955  
REFERENCE/DOCKET NUMBER: 1579-20  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 816-4000  
TELEFAX: (703) 816-4100  
TELEX: 200797 NIXN UR  
INFORMATION FOR SEQ ID NO: 42:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA (genomic)  
US-08-113-646A-42

Query Match 0.3%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 1.7e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5398 AATACAAAAAAGAAAAATGAAAA 5421  
Db 2 AAAAAAAGAAAAAAGAAAAA 25

RESULT 90  
US-09-398-193-103/c  
Sequence 103, Application US/09398193  
Patent No. 6197581  
GENERAL INFORMATION:  
APPLICANT: Medical Research Council  
TITLE OF INVENTION: Adenylate cyclase and uses therefor  
FILE REFERENCE: P24360-  
CURRENT APPLICATION NUMBER: US/09/398,193  
CURRENT FILING DATE: 1999-09-17  
NUMBER OF SEQ ID NOS: 104  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 103  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer based  
US-09-398-193-103

Query Match 0.3%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 1.7e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2565 GGGGAGAGAGAGATGGAACAT 2588  
Db 25 GGAGAGAGAGAGATGTAACAT 2

RESULT 91  
US-09-827-998-1152  
Sequence 1152, Application US/09827998  
Patent No. 6656700  
GENERAL INFORMATION:  
APPLICANT: Gu, Yizhong  
APPLICANT: Shannon, Mark  
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
FILE REFERENCE: MDHMPF-8  
CURRENT APPLICATION NUMBER: US/09/827,998  
CURRENT FILING DATE: 2001-04-06

FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/577,788  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Winter, Robert B.  
REFERENCE/DOCKET NUMBER: A-378  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-795-446B-28

Query Match 0.3%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 1.6e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4663 CAGATCGGAGCTGTTACGTTG 4686  
DB 1 CAGATCTGAAGCTGCTCAGTTG 24

RESULT 84  
US-08-706-945D-21  
Sequence 21, Application US/08706945D  
Patent No. 6369027  
GENERAL INFORMATION:  
APPLICANT: Boyle, William  
APPLICANT: Lacey, David  
APPLICANT: Calzone, Frank  
APPLICANT: Chang, Ming-Shi  
TITLE OF INVENTION: Osteoprotegerin  
FILE REFERENCE: A-378CIP  
CURRENT APPLICATION NUMBER: US/08/706,945D  
CURRENT FILING DATE: 1996-09-03  
PRIOR APPLICATION NUMBER: 08/577,788  
PRIOR FILING DATE: 1995-12-22  
NUMBER OF SEQ ID NOS: 145  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 21  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Oligonucleotide  
US-08-706-945D-21

Query Match 0.3%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 1.6e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4663 CAGATCGGAGCTGTTACGTTG 4686  
DB 1 CAGATCTGAAGCTGCTCAGTTG 24

RESULT 85  
US-08-577-788C-28  
Sequence 28, Application US/08577788C  
Patent No. 6613544  
GENERAL INFORMATION:  
APPLICANT: Boyle, William  
APPLICANT: Lacey, David  
APPLICANT: Calzone, Frank  
APPLICANT: Chang, Ming-Shi  
TITLE OF INVENTION: Osteoprotegerin  
FILE REFERENCE: A-378 Rev  
CURRENT APPLICATION NUMBER: US/08/577,788C  
CURRENT FILING DATE: 1995-12-22

NUMBER OF SEQ ID NOS: 58  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 28  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-08-577-788C-28

Query Match 0.3%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 1.6e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4663 CAGATCGGAGCTGTTACGTTG 4686  
DB 1 CAGATCTGAAGCTGCTCAGTTG 24

RESULT 86  
US-09-721-154-1/C  
Sequence 1, Application US/09721154  
Patent No. 6651008  
GENERAL INFORMATION:  
APPLICANT: Vaisberg, Eugeni  
APPLICANT: Adams, Cynthia  
APPLICANT: Sabry, James  
APPLICANT: Crompton, Anne  
TITLE OF INVENTION: Database system including computer code  
FILE REFERENCE: Cytop007C2  
CURRENT APPLICATION NUMBER: US/09/721,154  
CURRENT FILING DATE: 2002-06-14  
PRIOR APPLICATION NUMBER: 09/311,996  
PRIOR FILING DATE: 1999-05-14  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 1  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Pseudo-sequence  
US-09-721-154-1

Query Match 0.3%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 1.6e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5389 AATTAAAAAATACAAAAAGAA 5412  
DB 24 AATTAAAAAATACAAAAAGAA 1

RESULT 87  
US-09-721-154-2/C  
Sequence 2, Application US/09721154  
Patent No. 6651008  
GENERAL INFORMATION:  
APPLICANT: Vaisberg, Eugeni  
APPLICANT: Adams, Cynthia  
APPLICANT: Sabry, James  
APPLICANT: Crompton, Anne  
TITLE OF INVENTION: Database system including computer code  
FILE REFERENCE: Cytop007C2  
CURRENT APPLICATION NUMBER: US/09/721,154  
CURRENT FILING DATE: 2002-06-14  
PRIOR APPLICATION NUMBER: 09/311,996  
PRIOR FILING DATE: 1999-05-14  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 2  
LENGTH: 24  
TYPE: DNA

;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Winter, Robert B.  
;; REFERENCE/DOCKET NUMBER: A-378  
;; INFORMATION FOR SEQ ID NO: 28:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 24 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA  
US-08-795-445A-28

Query Match 0.3%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 1.6e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4663 CAGATGCGAAGCTGTCAGCTTG 4686  
DB 1 CAGATCCTGAAGCTGCTCAGTTTG 24

RESULT 81  
US-08-795-447A-28  
; Sequence 28, Application US/08795447A  
; Patent No. 6284728  
; GENERAL INFORMATION:  
; APPLICANT: Boyle, William J.  
; APPLICANT: Lacey, David L.  
; APPLICANT: Calzone, Frank J.  
; APPLICANT: Chang, Ming-Shi  
; TITLE OF INVENTION: Osteoprotegerin  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Amgen Inc.  
; STREET: One Amgen Center Drive  
; CITY: Thousand Oaks  
; STATE: California  
; COUNTRY: USA  
; ZIP: 91320-1789  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/795,447A  
; FILING DATE:  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Winter, Robert B.  
; REFERENCE/DOCKET NUMBER: A-378D2  
; INFORMATION FOR SEQ ID NO: 28:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-08-795-447A-28

Query Match 0.3%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 1.6e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4663 CAGATGCGAAGCTGTCAGCTTG 4686  
DB 1 CAGATCCTGAAGCTGCTCAGTTTG 24

RESULT 82  
US-08-974-186-28  
; Sequence 28, Application US/08974186

;; Patent No. 6284740  
;; GENERAL INFORMATION:  
;; APPLICANT: Boyle, William J.  
;; APPLICANT: Lacey, David L.  
;; APPLICANT: Calzone, Frank J.  
;; APPLICANT: Chang, Ming-Shi  
;; TITLE OF INVENTION: OSTEOPROTEGERIN  
;; NUMBER OF SEQUENCES: 53  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Amgen Inc.  
;; STREET: 1840 Dehavilland Drive  
;; CITY: Thousand Oaks  
;; STATE: California  
;; COUNTRY: USA  
;; ZIP: 91320-1789  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent in Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/974,186  
;; FILING DATE:  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/577,788  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Winter, Robert B.  
;; REFERENCE/DOCKET NUMBER: A-378  
;; INFORMATION FOR SEQ ID NO: 28:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 24 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA  
US-08-974-186-28

Query Match 0.3%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 1.6e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4663 CAGATGCGAAGCTGTCAGCTTG 4686  
DB 1 CAGATCCTGAAGCTGCTCAGTTTG 24

RESULT 83  
US-08-795-446B-28  
; Sequence 28, Application US/08795446B  
; Patent No. 6288032  
; GENERAL INFORMATION:  
; APPLICANT: Boyle, William J.  
; APPLICANT: Lacey, David L.  
; APPLICANT: Calzone, Frank J.  
; APPLICANT: Chang, Ming-Shi  
; TITLE OF INVENTION: OSTEOPROTEGERIN  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Amgen Inc.  
; STREET: 1840 Dehavilland Drive  
; CITY: Thousand Oaks  
; STATE: California  
; COUNTRY: USA  
; ZIP: 91320-1789  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/795,446B

```
/ Sequence 5, Application US/09487130
/ Patent No. 6362322
/ GENERAL INFORMATION:
/ APPLICANT: GRAY, DONALD M.
/ APPLICANT: HASHEN, GIBAN M.
/ TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEIN-PAIRED
/ FILE REFERENCE: 91556/66385CIP
/ CURRENT APPLICATION NUMBER: US/09/487,130
/ CURRENT FILING DATE: 2000-01-19
/ PRIOR APPLICATION NUMBER: 09/357,424
/ PRIOR FILING DATE: 1999-07-20
/ NUMBER OF SEQ ID NOS: 17
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 5
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: synthetic
/ US-09-487-130-5

Query Match      0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAA 1200
Db      1 AGAGAGAGAGAGAGAGAGAGA 21

RESULT 78
US-09-487-130-6/C
/ Sequence 6, Application US/09487130
/ Patent No. 6362322
/ GENERAL INFORMATION:
/ APPLICANT: GRAY, DONALD M.
/ APPLICANT: HASHEN, GIBAN M.
/ TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEIN-PAIRED
/ FILE REFERENCE: 91556/66385CIP
/ CURRENT APPLICATION NUMBER: US/09/487,130
/ CURRENT FILING DATE: 2000-01-19
/ PRIOR APPLICATION NUMBER: 09/357,424
/ PRIOR FILING DATE: 1999-07-20
/ NUMBER OF SEQ ID NOS: 17
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 6
/ LENGTH: 24
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: synthetic
/ US-09-487-130-6

Query Match      0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAA 1200
Db      24 AGAGAGAGAGAGAGAGAGAGA 4

RESULT 79
US-08-974-022-28
/ Sequence 28, Application US/08974022
/ Patent No. 6015938
/ GENERAL INFORMATION:
/ APPLICANT: Boyle, William J.
/ APPLICANT: Lacey, David L.
```

```
/ APPLICANT: Calzone, Frank J.
/ APPLICANT: Chang, Ming-Shi
/ TITLE OF INVENTION: OSTEOPROTEGERIN
/ NUMBER OF SEQUENCES: 53
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Amgen Inc.
/ STREET: 1840 Dehavenland Drive
/ CITY: Thousand Oaks
/ STATE: California
/ COUNTRY: USA
/ ZIP: 91320-1789
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/974,022
/ FILING DATE: 12-DEC-1995
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/577,788
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Winter, Robert B.
/ REFERENCE/DOCKET NUMBER: A-378
/ INFORMATION FOR SEQ ID NO: 28:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ US-08-974-022-28

Query Match      0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4663 CAGATCGGAGAGCTGTTCACTTG 4686
Db      1 CAGATCTGAGAGCTGCTCAGTTTG 24

RESULT 80
US-08-795-445A-28
/ Sequence 28, Application US/08795445A
/ Patent No. 6284485
/ GENERAL INFORMATION:
/ APPLICANT: Boyle, William J.
/ APPLICANT: Lacey, David L.
/ APPLICANT: Calzone, Frank J.
/ TITLE OF INVENTION: OSTEOPROTEGERIN
/ NUMBER OF SEQUENCES: 53
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Amgen Inc.
/ STREET: 1840 Dehavenland Drive
/ CITY: Thousand Oaks
/ STATE: California
/ COUNTRY: USA
/ ZIP: 91320-1789
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/795,445A
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/577,788
```

Best Local Similarity 90.5%; Pred. No. 1.5e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200  
|||||  
2 AGAGAGAGAGAGAGAGAGAGA 22

RESULT 73  
US-09-487-130-1/c  
; Sequence 1, Application US/09487130  
; Patent No. 6362322  
; GENERAL INFORMATION:  
; APPLICANT: GRAY, DONALD M.  
; APPLICANT: HASHEN, GIHAN M.  
; TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEIN-PAIRED  
; TITLE OF INVENTION: DUPLICATION  
; FILE REFERENCE: 91556/66385CIP  
; CURRENT APPLICATION NUMBER: US/09/487,130  
; CURRENT FILING DATE: 2000-01-19  
; PRIOR APPLICATION NUMBER: 09/357,424  
; PRIOR FILING DATE: 1999-07-20  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-09-487-130-1

Query Match 0.3%; Score 17.8; DB 1; Length 24;  
Best Local Similarity 90.5%; Pred. No. 1.5e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200  
|||||  
24 AGAGAGAGAGAGAGAGAGAGA 4

RESULT 74  
US-09-487-130-2  
; Sequence 2, Application US/09487130  
; Patent No. 6362322  
; GENERAL INFORMATION:  
; APPLICANT: GRAY, DONALD M.  
; APPLICANT: HASHEN, GIHAN M.  
; TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEIN-PAIRED  
; TITLE OF INVENTION: DUPLICATION  
; FILE REFERENCE: 91556/66385CIP  
; CURRENT APPLICATION NUMBER: US/09/487,130  
; CURRENT FILING DATE: 2000-01-19  
; PRIOR APPLICATION NUMBER: 09/357,424  
; PRIOR FILING DATE: 1999-07-20  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
; OTHER INFORMATION: nucleic acid  
US-09-487-130-2

Query Match 0.3%; Score 17.8; DB 1; Length 24;  
Best Local Similarity 90.5%; Pred. No. 1.5e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200  
|||||  
1180 AGAGAAAGAGAGAGAGAAA 1200

Db 1 AGAGAGAGAGAGAGAGAGA 21

RESULT 75  
US-09-487-130-3/c  
; Sequence 3, Application US/09487130  
; Patent No. 6362322  
; GENERAL INFORMATION:  
; APPLICANT: GRAY, DONALD M.  
; APPLICANT: HASHEN, GIHAN M.  
; TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEIN-PAIRED  
; TITLE OF INVENTION: DUPLICATION  
; FILE REFERENCE: 91556/66385CIP  
; CURRENT APPLICATION NUMBER: US/09/487,130  
; CURRENT FILING DATE: 2000-01-19  
; PRIOR APPLICATION NUMBER: 09/357,424  
; PRIOR FILING DATE: 1999-07-20  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 3  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-09-487-130-3

Query Match 0.3%; Score 17.8; DB 1; Length 24;  
Best Local Similarity 90.5%; Pred. No. 1.5e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200  
|||||  
24 AGAGAGAGAGAGAGAGAGAGA 4

RESULT 76  
US-09-487-130-4/c  
; Sequence 4, Application US/09487130  
; Patent No. 6362322  
; GENERAL INFORMATION:  
; APPLICANT: GRAY, DONALD M.  
; APPLICANT: HASHEN, GIHAN M.  
; TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEIN-PAIRED  
; TITLE OF INVENTION: DUPLICATION  
; FILE REFERENCE: 91556/66385CIP  
; CURRENT APPLICATION NUMBER: US/09/487,130  
; CURRENT FILING DATE: 2000-01-19  
; PRIOR APPLICATION NUMBER: 09/357,424  
; PRIOR FILING DATE: 1999-07-20  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 24  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
; OTHER INFORMATION: nucleic acid  
US-09-487-130-4

Query Match 0.3%; Score 17.8; DB 1; Length 24;  
Best Local Similarity 90.5%; Pred. No. 1.5e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200  
|||||  
24 AGAGAGAGAGAGAGAGAGAGA 4

RESULT 77  
US-09-487-130-5



TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-808-474A-11

Query Match 0.3%; Score 17.8; DB 1; Length 24;  
Best Local Similarity 90.5%; Pred. No. 1.5e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200  
DB 1 AGAGAGAGAGAGAGAGAGAGA 21

RESULT 69  
US-09-235-614-8  
Sequence 8, Application US/09235614  
Patent No. 6183966  
GENERAL INFORMATION:  
APPLICANT: GRAY, DONALD M.  
APPLICANT: CLARK, CHRISTOPHER L.  
TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING  
FILE REFERENCE: 91556/66384  
CURRENT FILING DATE: 1999-01-22  
PRIOR FILING DATE: 1997-03-03  
PRIOR APPLICATION NUMBER: 08/808,474  
PRIOR FILING DATE: 1994-10-07  
NUMBER OF SEQ ID NOS: 38  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 8  
LENGTH: 24  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Hybrid mRNA  
US-09-235-614-8

Query Match 0.3%; Score 17.8; DB 1; Length 24;  
Best Local Similarity 90.5%; Pred. No. 1.5e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200  
DB 1 AGAGAGAGAGAGAGAGAGAGA 21

RESULT 70  
US-09-235-614-9/c  
Sequence 9, Application US/09235614  
Patent No. 6183966  
GENERAL INFORMATION:  
APPLICANT: GRAY, DONALD M.  
APPLICANT: CLARK, CHRISTOPHER L.  
TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING  
FILE REFERENCE: 91556/66384  
CURRENT FILING DATE: 1999-01-22  
PRIOR FILING DATE: 1997-03-03  
PRIOR APPLICATION NUMBER: 08/808,474  
PRIOR FILING DATE: 1994-10-07  
NUMBER OF SEQ ID NOS: 38  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 9  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Hybrid DNA

US-09-235-614-9

Query Match 0.3%; Score 17.8; DB 1; Length 24;  
Best Local Similarity 90.5%; Pred. No. 1.5e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200  
DB 24 AGAGAGAGAGAGAGAGAGAGA 4

RESULT 71  
US-09-235-614-10/c  
Sequence 10, Application US/09235614  
Patent No. 6183966  
GENERAL INFORMATION:  
APPLICANT: GRAY, DONALD M.  
APPLICANT: CLARK, CHRISTOPHER L.  
TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING  
FILE REFERENCE: 91556/66384  
CURRENT FILING DATE: 1999-01-22  
PRIOR FILING DATE: 1997-03-03  
PRIOR APPLICATION NUMBER: 08/808,474  
PRIOR FILING DATE: 1994-10-07  
NUMBER OF SEQ ID NOS: 38  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 10  
LENGTH: 24  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Hybrid mRNA  
US-09-235-614-10

Query Match 0.3%; Score 17.8; DB 1; Length 24;  
Best Local Similarity 90.5%; Pred. No. 1.5e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200  
DB 23 AGAGAGAGAGAGAGAGAGAGA 3

RESULT 72  
US-09-235-614-11  
Sequence 11, Application US/09235614  
Patent No. 6183966  
GENERAL INFORMATION:  
APPLICANT: GRAY, DONALD M.  
APPLICANT: CLARK, CHRISTOPHER L.  
TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING  
FILE REFERENCE: 91556/66384  
CURRENT FILING DATE: 1999-01-22  
PRIOR FILING DATE: 1997-03-03  
PRIOR APPLICATION NUMBER: 08/808,474  
PRIOR FILING DATE: 1994-10-07  
NUMBER OF SEQ ID NOS: 38  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 11  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Hybrid DNA  
US-09-235-614-11

Query Match 0.3%; Score 17.8; DB 1; Length 24;

```

; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-808-474A-8
Query Match          0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAAA 1200
Db      1 AGAGAGAGAGAGAGAGAGAGA 21

RESULT 66
US-08-808-474A-9/c
; Sequence 9, Application US/08808474A
; Patent No. 5856103
; GENERAL INFORMATION:
; APPLICANT: Gray, Donald M.
; TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
; TITLE OF INVENTION: FOR ANTISENSE TARGETING
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Locke Purnell Rain Harrell
; STREET: 2200 Ross Avenue, Suite 2200
; CITY: Dallas
; STATE: Texas
; COUNTRY: USA
; ZIP: 75201-6776
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/808,474A
; FILING DATE: 03-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mayfield, Denise L.
; REGISTRATION NUMBER: 33,732
; REFERENCE/DOCKET NUMBER: UTDAL:001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (214) 740-8800
; TELEFAX: (214) 740-8800
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-808-474A-9
Query Match          0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAAA 1200
Db      23 AGAGAGAGAGAGAGAGAGAGA 3

RESULT 67
US-08-808-474A-10/c
; Sequence 10, Application US/08808474A
; Patent No. 5856103
; GENERAL INFORMATION:
; APPLICANT: Gray, Donald M.
; APPLICANT: Clark, Chris L.
; TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
; TITLE OF INVENTION: FOR ANTISENSE TARGETING
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESSES:
```

```

; ADDRESSEE: Locke Purnell Rain Harrell
; STREET: 2200 Ross Avenue, Suite 2200
; CITY: Dallas
; STATE: Texas
; COUNTRY: USA
; ZIP: 75201-6776
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/808,474A
; FILING DATE: 03-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mayfield, Denise L.
; REGISTRATION NUMBER: 33,732
; REFERENCE/DOCKET NUMBER: UTDAL:001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (214) 740-8800
; TELEFAX: (214) 740-8800
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-808-474A-10

Query Match          0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAAA 1200
Db      23 AGAGAGAGAGAGAGAGAGAGA 3

RESULT 68
US-08-808-474A-11
; Sequence 11, Application US/08808474A
; Patent No. 5856103
; GENERAL INFORMATION:
; APPLICANT: Gray, Donald M.
; APPLICANT: Clark, Chris L.
; TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
; TITLE OF INVENTION: FOR ANTISENSE TARGETING
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Locke Purnell Rain Harrell
; STREET: 2200 Ross Avenue, Suite 2200
; CITY: Dallas
; STATE: Texas
; COUNTRY: USA
; ZIP: 75201-6776
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/808,474A
; FILING DATE: 03-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mayfield, Denise L.
; REGISTRATION NUMBER: 33,732
; REFERENCE/DOCKET NUMBER: UTDAL:001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (214) 740-8800
; TELEFAX: (214) 740-8800
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
```

```

CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610-0011.40
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: modified_base
LOCATION: 1
OTHER INFORMATION: /mod_base= OTHER
FEATURE:
NAME/KEY: modified_base
LOCATION: 2..4
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 7
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 9
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 11
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 13
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 15
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 17
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 21
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
PCT-US91-03680-36
Query Match 0.3%; Score 18; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1182 AGAAGAGAGAGAGAA 1199
DB 22 AGAAGAGAGAGAGAA 5
```

```

RESULT 64
US-09-629-222A-16
Sequence 16, Application US/09629222A
Patent No. 6593700
GENERAL INFORMATION:
APPLICANT: Bellacosa, Alfonso
TITLE OF INVENTION: Methode for Detection of Transition
TITLE OF INVENTION: Single-Nucleotide Polymorphisms
FILE REFERENCE: PCCC 96-21
CURRENT APPLICATION NUMBER: US/09/629,222A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: 09/463,891
PRIOR FILING DATE: 2000-01-28
PRIOR APPLICATION NUMBER: PCT/US98/15828
PRIOR FILING DATE: 1998-07-28
PRIOR APPLICATION NUMBER: 60/053,936
PRIOR FILING DATE: 1997-07-28
NUMBER OF SEQ ID NOS: 73
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 16
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-09-629-222A-16
```

```

Query Match 0.3%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1415 GAAGCTGACCTGATTATGTG 1435
DB 1 GAAGCTGACCTGATTATGTG 21
```

```

RESULT 65
US-08-808-474A-8
Sequence 8, Application US/08808474A
Patent No. 5856103
GENERAL INFORMATION:
APPLICANT: Gray, Donald M.
TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
TITLE OF INVENTION: FOR ANTISENSE TARGETING
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSER: Locke Purnell Rain Harrell
STREET: 2200 Ross Avenue, Suite 2200
CITY: Dallas
STATE: Texas
COUNTRY: USA
ZIP: 75201-6776
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/808,474A
FILING DATE: 03-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTDL:001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (214) 740-8000
TELEFAX: (214) 740-8800
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
```

Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 60

US-09-923-246-39/c  
Sequence 39, Application US/09923246  
Patent No. 6605272

GENERAL INFORMATION:

APPLICANT: No. 6605272ak, Julia E.

APPLICANT: Presnell, Scott R.

APPLICANT: Sprecher, Cindy A.

APPLICANT: Foster, Donald C.

APPLICANT: Holly, Richard D.

APPLICANT: Gross, Jane A.

APPLICANT: Johnston, Janet V.

APPLICANT: Nelson, Andrew J.

APPLICANT: Dillon, Stacey R.

APPLICANT: Hammond, Angela K.

TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND

FILE REFERENCE: 99-16

CURRENT APPLICATION NUMBER: US/09/923,246

PRIOR FILING DATE: 2001-08-03

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217

PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904

PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013

PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01

NUMBER OF SEQ ID NOS: 115

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 39

LENGTH: 26

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Oligonucleotide primer ZC7764b

US-09-923-246-39

Query Match 0.3%; Score 18.2; DB 1; Length 26;

Best Local Similarity 87.0%; Pred. No. 1.3e+02;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATACAAAGAAAAA 5415

Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 61

US-09-658-077-1/c

Sequence 1, Application US/09658077

Patent No. 6627748

GENERAL INFORMATION:

APPLICANT: Ju, Jinyue

APPLICANT: et al.

TITLE OF INVENTION: Combinatorial Fluorescence Energy Transfer Tags And

TITLE OF INVENTION: Their Applications For Multiplex Genetic Analyses

FILE REFERENCE: 0575/6238/JPM/ADM

CURRENT APPLICATION NUMBER: US/09/658,077

CURRENT FILING DATE: 2000-09-11

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 1

LENGTH: 26

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Description of Artificial Sequence: scaffold

US-09-658-077-1

Query Match 0.3%; Score 18.2; DB 1; Length 26;

Best Local Similarity 87.0%; Pred. No. 1.3e+02;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATACAAAGAAAAA 5415

Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 62

US-10-295-723-39/c

Sequence 39, Application US/10295723

Patent No. 6686178

GENERAL INFORMATION:

APPLICANT: No. 6686178ak, Julia E.

APPLICANT: Presnell, Scott R.

APPLICANT: Sprecher, Cindy A.

APPLICANT: Foster, Donald C.

APPLICANT: Holly, Richard D.

APPLICANT: Gross, Jane A.

APPLICANT: Johnston, Janet V.

APPLICANT: Nelson, Andrew J.

APPLICANT: Dillon, Stacey R.

APPLICANT: Hammond, Angela K.

TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND

FILE REFERENCE: 99-16

CURRENT APPLICATION NUMBER: US/10/295,723

PRIOR FILING DATE: 2002-11-15

PRIOR APPLICATION NUMBER: 09/522,217

PRIOR FILING DATE: 2000-03-09

PRIOR APPLICATION NUMBER: US 60/123,547

PRIOR FILING DATE: 1999-03-09

PRIOR APPLICATION NUMBER: US 60/123,904

PRIOR FILING DATE: 1999-03-11

PRIOR APPLICATION NUMBER: US 60/142,013

PRIOR FILING DATE: 1999-07-01

NUMBER OF SEQ ID NOS: 115

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 39

LENGTH: 26

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Oligonucleotide primer ZC7764b

US-10-295-723-39

Query Match 0.3%; Score 18.2; DB 1; Length 26;

Best Local Similarity 87.0%; Pred. No. 1.3e+02;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATACAAAGAAAAA 5415

Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 63

PCT-US91-03680-36/c

Sequence 36, Application PC/TUS9103680

GENERAL INFORMATION:

APPLICANT: Matteucci, Mark D.

APPLICANT: Krawczyk, Steven

TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED

TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF

TITLE OF INVENTION: DUPLEX DNA

NUMBER OF SEQUENCES: 158

CORRESPONDENCE ADDRESS:

ADDRESSER: Morillon & Foerster

STREET: 545 Middlefield Road, Suite 200

CITY: Menlo Park

STATE: California

COUNTRY: USA

ZIP: 94025

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

```

? APPLICANT: LIN, SHI-LUNG
? CHUONG, CHENG-MING
? YING, SHAO-YAO
? TITLE OF INVENTION: Method for Generating Full-length cDNA
? Library from Single Cells
? NUMBER OF SEQUENCES: 5
? CORRESPONDENCE ADDRESS:
? ADDRESSER: David & Raymond Patent Firm
? STREET: 108 N. Ynez Ave., Suite 128
? CITY: Monterey Park
? STATE: CA
? COUNTRY: USA
? ZIP: 91754
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: PatentIn Release #1.0, Version #1.30
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/09/197,951
? FILING DATE: 20-No. 6197554-1998
? CLASSIFICATION: <Unknown>
? ATTORNEY/AGENT INFORMATION:
? NAME: Chan, Raymond Y.C.
? REGISTRATION NUMBER: 37,484
? REFERENCE/DOCKET NUMBER: USP8462A-SL(3)
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (626) 571-9812
? TELEFAX: (626) 571-9813
? INFORMATION FOR SEQ ID NO: 5:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 26 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: other nucleic acid
? DESCRIPTION: /desc = "synthetic"
? HYPOTHETICAL: NO
? ANTI-SENSE: NO
? SEQUENCE DESCRIPTION: SEQ ID NO: 5:
? US-09-197-951-5

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
DB 26 AAAAAAAAAAAAAAAAAAAAAA 4

RESULT 58
US-09-522-217-39/c
? Sequence 39, Application US/09522217
? Patent No. 6307024
? GENERAL INFORMATION:
? APPLICANT: No. 6307024aK, Julia E.
? APPLICANT: Presnell, Scott R.
? APPLICANT: Sprecher, Cindy A.
? APPLICANT: Foster, Donald C.
? APPLICANT: Holly, Richard D.
? APPLICANT: Gross, Jane A.
? APPLICANT: Johnston, Janet V.
? APPLICANT: Nelson, Andrew J.
? APPLICANT: Dillon, Stacey R.
? APPLICANT: Hammond, Angela K.
? TITLE OF INVENTION: NOVEL CYTOKINE ZALPHRA1 LIGAND
? FILE REFERENCE: 99-16
? CURRENT APPLICATION NUMBER: US/09/522,217
? CURRENT FILING DATE: 2000-03-09
? EARLIER APPLICATION NUMBER: US 60/123,547
? EARLIER FILING DATE: 1999-03-09
? EARLIER APPLICATION NUMBER: US 60/123,904
```

```

? EARLIER FILING DATE: 1999-03-11
? EARLIER APPLICATION NUMBER: US 60/142,013
? EARLIER FILING DATE: 1999-07-01
? NUMBER OF SEQ ID NOS: 115
? SOFTWARE: FastSeq for Windows Version 3.0
? SEQ ID NO 39
? LENGTH: 26
? TYPE: DNA
? ORGANISM: Artificial Sequence
? OTHER INFORMATION: Oligonucleotide primer ZC7764b
? US-09-522-217-39

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 59
US-09-593-312-2/c
? Sequence 2, Application US/09593312
? Patent No. 6514699
? GENERAL INFORMATION:
? APPLICANT: O'Neill, Roger A.
? APPLICANT: Chen, Jer-Kang
? APPLICANT: Chieba, Claudia
? APPLICANT: Fry, George
? TITLE OF INVENTION: Multiplex Polynucleotide Capture
? NUMBER OF SEQUENCES: 50
? CORRESPONDENCE ADDRESS:
? ADDRESSER: PE Applied Biosystems
? STREET: 850 Lincoln Centre Drive
? CITY: Foster City
? STATE: CA
? COUNTRY: USA
? ZIP: 94404
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Diskette
? COMPUTER: IBM Compatible
? OPERATING SYSTEM: DOS
? SOFTWARE: FastSeq for Windows Version 2.0
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/09/593,312
? FILING DATE:
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: 08/873,437
? FILING DATE:
? ATTORNEY/AGENT INFORMATION:
? NAME: Bortner, Scott R
? REGISTRATION NUMBER: 34,298
? REFERENCE/DOCKET NUMBER: 4294
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 415-638-6245
? TELEFAX: 415-638-6071
? INFORMATION FOR SEQ ID NO: 2:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 26 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? US-09-593-312-2

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3
```

```

; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,914A
; FILING DATE: 26-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LAWRENCE III, STANTON T.
; REGISTRATION NUMBER: 25,736
; REFERENCE/DOCKET NUMBER: 7005-107-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
; US-08-621-914A-2

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 55
US-08-621-914A-3/c
; Sequence 3, Application US/08621914A
; Patent No. 5707807
; GENERAL INFORMATION:
; APPLICANT: KATO, KIKUYA
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
; TITLE OF INVENTION: ANALYSIS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 AVENUE OF THE AMERICAS
; CITY: NEW YORK
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,914A
; FILING DATE: 26-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LAWRENCE III, STANTON T.
; REGISTRATION NUMBER: 25,736
; REFERENCE/DOCKET NUMBER: 7005-107-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
```

```

; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
; US-08-621-914A-3

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 56
US-08-873-437-2/c
; Sequence 2, Application US/08872437
; Patent No. 6124092
; GENERAL INFORMATION:
; APPLICANT: O'Neill, Roger A.
; APPLICANT: Chen, Jer-Kang
; APPLICANT: Chiesla, Claudia
; APPLICANT: Fry, George
; TITLE OF INVENTION: Multiplex Polynucleotide Capture
; TITLE OF INVENTION: Methods and Compositions
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PE Applied Biosystems
; STREET: 850 Lincoln Centre Drive
; CITY: Foster City
; STATE: CA
; COUNTRY: USA
; ZIP: 94004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/873,437
; FILING DATE: 12-JUN-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/027,832
; FILING DATE: 04-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Bortner, Scott R.
; REGISTRATION NUMBER: 34,298
; REFERENCE/DOCKET NUMBER: 4294
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-638-6245
; TELEFAX: 415-638-6071
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-873-437-2

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 57
US-09-197-951-5/c
; Sequence 5, Application US/09197951
; Patent No. 6197554
; GENERAL INFORMATION:
```

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAAAA 5415  
DB 25 AAAAAAAAAAAAAAAAAAAAA 3

RESULT 51  
US-09-183-619-5/C  
; Sequence 5, Application US/09183619  
; Patent No. 6103474  
; GENERAL INFORMATION:  
; APPLICANT: DELLINGER, DOUGLAS J.  
; APPLICANT: DAMM, SUKANN C.  
; APPLICANT: LISLEY, DIANE D.  
; APPLICANT: ACH, ROBERT A.  
; APPLICANT: TROLL, MARK A.  
; TITLE OF INVENTION: HYBRIDIZATION ASSAY SIGNAL ENHANCEMENT  
; FILE REFERENCE: 10981619-1  
; CURRENT APPLICATION NUMBER: US/09/183,619  
; CURRENT FILING DATE: 1998-10-30  
; EARLIER APPLICATION NUMBER: 08/735,381  
; EARLIER FILING DATE: 1996-10-21  
; NUMBER OF SEQ. ID NOS: 7  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ. ID NO 5  
; LENGTH: 25  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Reporter probe  
US-09-183-619-5

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAAAA 5415  
DB 25 AAAAAAAAAAAAAAAAAAAAA 3

RESULT 52  
US-09-282-734-23/C  
; Sequence 23, Application US/09282734A  
; Patent No. 6537749  
; GENERAL INFORMATION:  
; APPLICANT: ROBERT G. KUIMEIJS et al.  
; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS  
; FILE REFERENCE: 50036/009002  
; CURRENT APPLICATION NUMBER: US/09/282,734A  
; CURRENT FILING DATE: 1999-03-03  
; EARLIER APPLICATION NUMBER: 60/080,686  
; EARLIER FILING DATE: 1998-04-03  
; NUMBER OF SEQ. ID NOS: 29  
; SOFTWARE: PatcSeq for Windows Version 3.0  
; SEQ. ID NO 23  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Capture probe sequence  
US-09-282-734-23

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAAAA 5415  
DB 25 AAAAAAAAAAAAAAAAAAAAA 3

RESULT 53  
PCT-US94-14096-2/C

; GENERAL INFORMATION:  
; APPLICANT: NIKIFOROV, THEO  
; APPLICANT: KNAPP, MICHAEL  
; TITLE OF INVENTION: METHOD FOR THE IMMOBILIZATION OF NUCLEIC  
; TITLE OF INVENTION: ACID MOLECULES  
; NUMBER OF SEQUENCES: 24  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: HOWREY & SIMON  
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.  
; CITY: WASHINGTON  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US94/14096  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: AUERBACH, JEFFREY I  
; REGISTRATION NUMBER: 32,680  
; REFERENCE/DOCKET NUMBER: 639-105  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 383-7451  
; TELEFAX: (202) 383-6610  
; INFORMATION FOR SEQ. ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 25 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHEICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Equus caballus  
; IMMEDIATE SOURCE:  
; CLONE: Biotin-T25  
PCT-US94-14096-2

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAAAA 5415  
DB 25 AAAAAAAAAAAAAAAAAAAAA 3

RESULT 54  
US-08-621-914A-2/C  
; Sequence 2, Application US/08621914A  
; Patent No. 5707807  
; GENERAL INFORMATION:  
; APPLICANT: KATO, KIKIYA  
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE  
; TITLE OF INVENTION: ANALYSIS  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: PENNIE & EDMONDS  
; STREET: 1155 AVENUE OF THE AMERICAS  
; CITY: NEW YORK  
; STATE: NY  
; COUNTRY: USA

```
STATE: D. C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/341,148
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: AUERBACH, JEFFREY I
REGISTRATION NUMBER: 32,680
REFERENCE/DOCKET NUMBER: 639-105
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
TELEFAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHEetical: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Equus caballus
IMMEDIATE SOURCE:
CLONE: Biotin-T25
US-08-341-148-2

Query Match
Best Local Similarity 87.0%; Score 18.2; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 49
US-08-460-130-2/c
Sequence 2, Application US/08460130
Patent No. 5734020
GENERAL INFORMATION:
APPLICANT: Yuan N. Wong
TITLE OF INVENTION: Production and Use
TITLE OF INVENTION: of Magnetic Porous Inorganic Materials
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: CRG, Inc.
STREET: 3 Borinski Road
CITY: Lincoln Park
STATE: New Jersey
COUNTRY: United States of America
ZIP: 07035
COMPUTER READABLE FORM:
MEDIUM TYPE: 3M Double Density
MEDIUM TYPE: 5 1/4" diskette
COMPUTER: Wang PC
OPERATING SYSTEM: MS DOS Version
OPERATING SYSTEM: 3.20
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,130
FILING DATE: 2 June 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/307,307
FILING DATE: 16 September 1994
```

```
APPLICATION NUMBER: 07/794,910
FILING DATE: 20 No. 5734020ember 1991
ATTORNEY/AGENT INFORMATION:
NAME: Irons, Edward S.
REGISTRATION NUMBER: 16,541
REFERENCE/DOCKET NUMBER: Wong
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 626-3564
TELEFAX: (202) 783-6031
TELEX: No. 5734020e
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 25
TYPE: Nucleotide
STRANDEDNESS: Single
TOPOLOGY: Unknown
US-08-460-130-2

Query Match
Best Local Similarity 87.0%; Score 18.2; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 50
US-08-969-813-1/c
Sequence 1, Application US/08969813
Patent No. 6060246
GENERAL INFORMATION:
APPLICANT: Summerton, James E.
APPLICANT: Wages, John M.
TITLE OF INVENTION: Reagent and Method for Isolation
TITLE OF INVENTION: and Detection of Selected Nucleic Acid Sequences
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: US
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/969,813
FILING DATE: 13-NOV-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/030,963
FILING DATE: 15-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Gorthey, LeeAnn
REGISTRATION NUMBER: 37,337
REFERENCE/DOCKET NUMBER: 0450-0013.30
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-324-0880
TELEFAX: 650-324-0960
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-969-813-1
```



Db 23 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 44  
US-10-043-415-4  
; Sequence 4, Application US/10043415  
; Patent No. 6573054  
; GENERAL INFORMATION:  
; APPLICANT: Kurn, Nurith  
; APPLICANT: Patel, Rajesh D.  
; TITLE OF INVENTION: Quantitative Determination of Nucleic  
; TITLE OF INVENTION: Acid Amplification Products  
; FILE REFERENCE: BEH-7408  
; CURRENT APPLICATION NUMBER: US/10/043,415  
; CURRENT FILING DATE: 2002-01-10  
; PRIOR APPLICATION NUMBER: US/09/025,639  
; PRIOR FILING DATE: 1998-02-18  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 4  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc binding  
; LOCATION: (1)..(24)  
; OTHER INFORMATION: Synthetic DNA Probe  
US-10-043-415-4

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATCAAGAAAAA 5415  
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 45  
US-09-854-317-1  
; Sequence 1, Application US/09854317  
; Patent No. 6582938  
; GENERAL INFORMATION:  
; APPLICANT: Su, Xing  
; APPLICANT: Dong, Hejin  
; APPLICANT: Ryder, Thomas B.  
; TITLE OF INVENTION: Amplification of Nucleic Acids  
; FILE REFERENCE: 3234.2  
; CURRENT APPLICATION NUMBER: US/09/854,317  
; CURRENT FILING DATE: 2001-05-11  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: Patent version 3.1  
; SEQ ID NO 1  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic oligonucleotide  
US-09-854-317-1

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATCAAGAAAAA 5415  
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 46  
US-09-721-154-4/c  
; Sequence 4, Application US/09721154

; Patent No. 6651008  
; GENERAL INFORMATION:  
; APPLICANT: Vaisberg, Eugent  
; APPLICANT: Adams, Cynthia  
; APPLICANT: Sabry, James  
; APPLICANT: Crompton, Anne  
; TITLE OF INVENTION: Database system including computer code  
; TITLE OF INVENTION: for predictive cellular bioinformatics  
; FILE REFERENCE: Cyto007C2  
; CURRENT APPLICATION NUMBER: US/09/721,154  
; CURRENT FILING DATE: 2002-06-14  
; PRIOR APPLICATION NUMBER: 09/311,996  
; PRIOR FILING DATE: 1999-05-14  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Pseudo-sequence  
US-09-721-154-4

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATCAAGAAAAA 5415  
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 47  
539676-1/c  
; Patent No. 539676  
; APPLICANT: FROEHLER, BRIAN  
; TITLE OF INVENTION: OLIGONUCLEOTIDES WITH INVERTED POLARITY  
; NUMBER OF SEQUENCES: 2  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/559,958  
; FILING DATE: 30-JUL-1990  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 502,272  
; FILING DATE: 29-MAR-1990  
; APPLICATION NUMBER: 425,803  
; FILING DATE: 23-OCT-1989  
; SEQ ID NO:1  
; LENGTH: 24  
539676-1

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5404 AAAAAAAAAATCAAGAAAAA 5426  
Db 24 AAAAAAAAAAGAAAAAGAAAG 2

RESULT 48  
US-08-341-148-2/c  
; Sequence 2, Application US/08341148  
; Patent No. 5610287  
; GENERAL INFORMATION:  
; APPLICANT: NIKIFOROV, THEO  
; APPLICANT: KNAPP, MICHAEL  
; TITLE OF INVENTION: METHOD FOR THE IMMOBILIZATION OF NUCLEIC  
; TITLE OF INVENTION: ACID MOLECULES  
; NUMBER OF SEQUENCES: 24  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: HOWREY & SIMON  
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.  
; CITY: WASHINGTON

```

; CURRENT FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: US 08/473,010
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/247,530
; PRIOR FILING DATE: 1994-05-23
; PRIOR APPLICATION NUMBER: US 07/838,607
; PRIOR FILING DATE: 1992-02-19
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically derived DNA
US-09-164-2498-6

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 TTAATAATACAAAGAGAAAA 5413
Db 2 TTAATAATACAAAGAGAAAA 24

RESULT 40
US-09-536-936-11
; Sequence 11, Application US/09536936
; Patent No. 6346384
; GENERAL INFORMATION:
; APPLICANT: Pollner, Reinhold
; TITLE OF INVENTION: Real Time Monitoring of PCR Using LOCI
; FILE REFERENCE: BEH-7438
; CURRENT APPLICATION NUMBER: US/09/536,936
; CURRENT FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide attached to beads
US-09-536-936-11

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAGAGAAAA 5415
Db 1 AAAAAAATACAAAGAGAAAA 23

RESULT 41
US-09-025-639-4
; Sequence 4, Application US/09025639
; Patent No. 6365346
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nwritch
; APPLICANT: Patel, Rajesh D.
; TITLE OF INVENTION: Quantitative Determination of Nucleic
; TITLE OF INVENTION: Acid Amplification Products
; FILE REFERENCE: BEH-7408
; CURRENT APPLICATION NUMBER: US/09/025,639
; CURRENT FILING DATE: 1998-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
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```

; FEATURE:
; NAME/KEY: misc_binding
; LOCATION: (1)...(24)
; OTHER INFORMATION: Synthetic DNA Probe
US-09-025-639-4

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAGAGAAAA 5415
Db 1 AAAAAAATACAAAGAGAAAA 23

RESULT 42
US-09-333-237-4
; Sequence 4, Application US/09333237
; Patent No. 6406667
; GENERAL INFORMATION:
; APPLICANT: Singh, Sharat
; APPLICANT: Ullman, Edwin F.
; TITLE OF INVENTION: Chemiluminescent Compositions For Use In
; TITLE OF INVENTION: Detection Of Multiple Analyses
; FILE REFERENCE: BEH-7383A
; CURRENT APPLICATION NUMBER: US/09/333,237
; CURRENT FILING DATE: 1999-06-15
; PRIOR APPLICATION NUMBER: 09/025,624
; PRIOR FILING DATE: 1998-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: detection probe bound to sensitizer particle
US-09-333-237-4

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAGAGAAAA 5415
Db 1 AAAAAAATACAAAGAGAAAA 23

RESULT 43
US-09-475-947A-134/C
; Sequence 134, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: URS00667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 134
; LENGTH: 24
; TYPE: DNA
; ORGANISM: human
US-09-475-947A-134

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAGAGAAAA 5415
```

COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/486,809  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/470,911  
FILING DATE: 06-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 6923-053  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: DNA  
US-08-486-809-50

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415  
DB 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 37  
US-09-183-619-7  
Sequence 7, Application US/09183619  
Patent No. 6103474  
GENERAL INFORMATION:  
APPLICANT: DELLINGER, DOUGLAS J.  
APPLICANT: DAHM, SUEANN C.  
APPLICANT: LESLEY, DIANE D.  
APPLICANT: ACH, ROBERT A.  
APPLICANT: TROLL, MARK A.  
TITLE OF INVENTION: HYBRIDIZATION ASSAY SIGNAL ENHANCEMENT  
FILE REFERENCE: 10981619-1  
CURRENT APPLICATION NUMBER: US/09/183,619  
CURRENT FILING DATE: 1998-10-30  
EARLIER APPLICATION NUMBER: 08/735,381  
EARLIER FILING DATE: 1996-10-21  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO: 7  
LENGTH: 24  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: poly A-RNA target  
US-09-183-619-7

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 5393 AAAAAATACAAAAAGAAAAA 5415  
DB 1 AAAAAAAAAAAAAAAAAAAAAA 23

DB 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 38  
US-09-201-674-1  
Sequence 1, Application US/09201674  
Patent No. 6110682  
GENERAL INFORMATION:  
APPLICANT: Dellinger, Douglas J.  
Dahm, Sueann  
Troll, Mark  
TITLE OF INVENTION: SIGNAL ENHANCEMENT METHOD AND KIT  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hewlett-Packard Company, Legal Dept.,  
Intellectual Property  
STREET: 1501 Page Mill Road, MS 4U-10  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94304-1126  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/201,674  
FILING DATE: 30-NOV-1998  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/735,381  
FILING DATE: 21-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10950427-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-857-4125  
TELEFAX: 650-852-8063  
TELEX: 348-461  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: mRNA  
HYPOTHETICAL: YES  
ANTI-SENSE: NO  
US-09-201-674-1

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415  
DB 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 39  
US-09-164-249B-6  
Sequence 6, Application US/09164249B  
Patent No. 6322971  
GENERAL INFORMATION:  
APPLICANT: Chetverin, Alexander B.  
APPLICANT: Kravet, Fred Russel  
TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING,  
ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS  
FILE REFERENCE: 07763-004003  
CURRENT APPLICATION NUMBER: US/09/164,249B

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Cortuzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE//DOCKET NUMBER: 6923-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-486-421-50

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 34
US-08-470-911-50
; Sequence 50, Application US/08470911
; Patent No. 5756684
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470,911
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Cortuzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE//DOCKET NUMBER: 6923-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-470-911-50

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23
```

```

Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 35
US-08-735-381-1
; Sequence 1, Application US/08735381
; Patent No. 5853993
; GENERAL INFORMATION:
; APPLICANT: Dellinger, Douglas J.
; APPLICANT: Dahm, Susan
; APPLICANT: Troll, Mark
; TITLE OF INVENTION: SIGNAL ENHANCEMENT METHOD AND KIT
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hewlett-Packard Company, Legal Dept.,
; STREET: 1501 Page Mill Road, MS 4U-10
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1126
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/735,381
; FILING DATE: 21-OCT-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE//DOCKET NUMBER: 10950427-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-857-4125
; TELEFAX: 650-852-8063
; TELEX: 348-461
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: mRNA
; HYBOTHEICAL: YES
; ANTI-SENSE: NO
US-08-735-381-1

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 36
US-08-486-809-50
; Sequence 50, Application US/08486809
; Patent No. 5869622
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
```

COUNTRY: USA  
ZIP: 22313-0299  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/869,933  
FILING DATE: 19920416  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 40399/154 NIH  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)836-9300  
TELEFAX: (703)683-4109  
TELEX: 899149  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-869-933-7

Query Match 0.3%; Score 18.2; DB 1; Length 23;  
Best Local Similarity 87.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5395 AAAAATACAAAAAGAAAAATG 5417  
DB 1 AATTAACCAAAAAAATG 23

RESULT 31  
US-09-103-663-7  
Sequence 7, Application US/09103663D  
Patent No. 6171803  
GENERAL INFORMATION:  
APPLICANT: Kinet et al.  
TITLE OF INVENTION: Isolation, characterization, and use of the human beta  
TITLE OF INVENTION: subunit of the high affinity receptor for  
TITLE OF INVENTION: immunoglobulin E.  
FILE REFERENCE: 50490  
CURRENT APPLICATION NUMBER: US/09/103,663D  
CURRENT FILING DATE: 1998-06-23  
EARLIER APPLICATION NUMBER: 07/869,933  
EARLIER FILING DATE: 1992-04-16  
NUMBER OF SEQ ID NOS: 35  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 7  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-103-663-7

Query Match 0.3%; Score 18.2; DB 1; Length 23;  
Best Local Similarity 87.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5395 AAAAATACAAAAAGAAAAATG 5417  
DB 1 AATTAACCAAAAAAATG 23

RESULT 32  
US-08-014-943A-25  
Sequence 25, Application US/08014943A  
Patent No. 5545551  
GENERAL INFORMATION:  
APPLICANT: Johnson, Edward M.

APPLICANT: Bergemann, Andrew D.  
TITLE OF INVENTION: Cloning And Expression Of Pur Protein  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/014,943A  
FILING DATE: 02/FEB/1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 6923-033  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212 790-9090  
TELEFAX: 212 869-8864/9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
US-08-014-943A-25

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAATACAAAAAGAAAAA 5415  
DB 1 AAAAAAAAAAAAAAAAAAATG 23

RESULT 33  
US-08-486-421-50  
Sequence 50, Application US/08486421  
Patent No. 5672479  
GENERAL INFORMATION:  
APPLICANT: Johnson, Edward M.  
APPLICANT: Bergemann, Andrew D.  
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN  
NUMBER OF SEQUENCES: 51  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/486,421  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/470,911  
FILING DATE: 06-JUN-1995

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; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13291
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-13291
```

```
Query Match 0.3%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 3475 AGCAGACGGAACCAAGTGTATGA 3499
Db 1 AGCAGAGTGAAGCAAGTGTATGA 25
```

```
RESULT 27
US-09-527-345-6/c
; Sequence 6, Application US/09527345
; Patent No. 6331413
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: SECRETED SALIVARY ZS1G63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/527,345
; PRIOR FILING DATE: 1999-03-17
; PRIOR APPLICATION NUMBER: US 60/124,820
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Oligonucleotide primer ZC7231
; US-09-527-345-6
```

```
Query Match 0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5392 TAAAAAATACAAAAAGAAAAA 5415
Db 26 BAAAAAAGAAAAAAGAAAAA 3
```

```
RESULT 28
US-09-167-513-10/c
; Sequence 10, Application US/09167513
; Patent No. 6388064
```

```
; GENERAL INFORMATION:
; APPLICANT: Conklin, Darrell C.
; TITLE OF INVENTION: A HUMAN 2-19 PROTEIN HOMOLOGUE, Z219A
; FILE REFERENCE: 97-63
; CURRENT APPLICATION NUMBER: US/09/167,513
; PRIOR FILING DATE: 1998-10-06
; EARLIER APPLICATION NUMBER: US 60/061,712
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Oligonucleotide primer ZC7231
; US-09-167-513-10
```

```
Query Match 0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5392 TAAAAAATACAAAAAGAAAAA 5415
Db 26 BAAAAAAGAAAAAAGAAAAA 3
```

```
RESULT 29
US-09-161-939A-43/c
; Sequence 43, Application US/09161939A
; Patent No. 6486299
; GENERAL INFORMATION:
; APPLICANT: Shinkels, Richard A.
; TITLE OF INVENTION: Genes and Proteins Predictive and Therapeutic for
; TITLE OF INVENTION: Stroke, Hypertension, Diabetes, and Obesity
; FILE REFERENCE: 15966-527
; CURRENT APPLICATION NUMBER: US/09/161,939A
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: oligo(dT)<25>V
; US-09-161-939A-43
```

```
Query Match 0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
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```
QY 5392 TAAAAAATACAAAAAGAAAAA 5415
Db 26 BAAAAAAGAAAAAAGAAAAA 3
```

```
RESULT 30
US-07-869-933-7
; Sequence 7, Application US/07869933
; Patent No. 5770396
; GENERAL INFORMATION:
; APPLICANT: KINET, Jean-Pierre
; TITLE OF INVENTION: ISOLATION, CHARACTERIZATION, AND USE OF
; TITLE OF INVENTION: THE HUMAN B SUBUNIT OF THE HIGH AFFINITY RECEPTOR FOR
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
```

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/805,631A  
FILING DATE: 26-FEB-97  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/393,439  
FILING DATE: 23-FEB-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/047,860  
FILING DATE: 15-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: SANDBERG, VICTORIA A.  
REGISTRATION NUMBER: 41,287  
REFERENCE/DOCKET NUMBER: 220.00010140  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 612-305-1226  
TELEFAX: 612-305-1228  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: circular  
MOLECULE TYPE: DNA (genomic)  
US-08-805-631A-5

Query Match 0.3%; Score 18.8; DB 1; Length 26;  
Best Local Similarity 90.9%; Pred. No. 1e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5393 AAAAAATGACAAAAGAAAA 5414  
|||||  
Db 5 AAAAAAACAAAACAAAAAAA 26

RESULT 24  
US-09-569-344-5  
Sequence 5, Application US/09569344  
Patent No. 6368802  
GENERAL INFORMATION:  
APPLICANT: UNIVERSITY OF ROCHESTER  
TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND  
DNA  
NUMBER OF SEQUENCES: 72  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MUEITING, RAASCH & GEBHARDT, P.A.  
STREET: 119 No. 6368802th Fourth Street, Suite 201  
CITY: Minneapolis  
STATE: Minnesota  
COUNTRY: USA  
ZIP: 55401  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/569,344  
FILING DATE: 11-May-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/805,631  
FILING DATE: 26-FEB-97  
APPLICATION NUMBER: US 08/393,439  
FILING DATE: 23-FEB-1995  
APPLICATION NUMBER: US 08/047,860  
FILING DATE: 15-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: SANDBERG, VICTORIA A.  
REGISTRATION NUMBER: 41,287  
REFERENCE/DOCKET NUMBER: 220.00010140

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 612-305-1226  
TELEFAX: 612-305-1228  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: circular  
MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-09-569-344-5

Query Match 0.3%; Score 18.8; DB 1; Length 26;  
Best Local Similarity 90.9%; Pred. No. 1e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5393 AAAAAATGACAAAAGAAAA 5414  
|||||  
Db 5 AAAAAAACAAAACAAAAAAA 26

RESULT 25  
US-09-827-998-1153  
Sequence 1153, Application US/09827998  
Patent No. 6656700  
GENERAL INFORMATION:  
APPLICANT: Gu, Yizhong  
APPLICANT: Shannon, Mark  
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
FILE REFERENCE: MDHOF-8  
CURRENT APPLICATION NUMBER: US/09/827,998  
CURRENT FILING DATE: 2001-04-06  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
NUMBER OF SEQ ID NOS: 1881  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6656700  
SEQ ID NO 1153  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-827-998-1153

Query Match 0.3%; Score 18.6; DB 1; Length 25;  
Best Local Similarity 84.0%; Pred. No. 1.1e+02;  
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5410 AAAAAATGAAATTAAGAAATAGA 5434  
|||||  
Db 1 AAGAAATGAAATTAAGAAATAGA 25

RESULT 26  
US-09-866-108A-13291  
Sequence 13291, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: ABOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 1103:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 27 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
;   OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 1103:
US-09-225-201B-1103

Query Match      0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 97;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      118 CTTCGAGCTCAGGCTTGATCTCAGGA 144
Db      27 CTTCGCGCTCAGAGATTGAGATGAGGA 1

RESULT 20
US-09-750-401-17/c
; Sequence 17, Application US/09750401
; Patent No. 6635422
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; FILE REFERENCE: RAN-001
; CURRENT APPLICATION NUMBER: US/09/750,401
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-09-750-401-17

Query Match      0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 86;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5394 AAAAAATACAAAAAGAAAAA 5415
Db      22 AAAAAATACAAAAATATAAAAA 1

RESULT 21
US-09-750-401-19/c
; Sequence 19, Application US/09750401
; Patent No. 6635422
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; FILE REFERENCE: RAN-001
; CURRENT APPLICATION NUMBER: US/09/750,401
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28

```

```

; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-09-750-401-19

Query Match      0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 86;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5394 AAAAAATACAAAAAGAAAAA 5415
Db      22 AAAAAATACAAAAATATAAAAA 1

RESULT 22
US-08-910-632-5
; Sequence 5, Application US/08910632B
; Patent No. 6077668
; GENERAL INFORMATION:
; APPLICANT: KOOL, ERIC T.
; TITLE OF INVENTION: HIGHLY SENSITIVE MULTIMERIC NUCLEIC ACID PROBES
; FILE REFERENCE: 220.00010130
; CURRENT APPLICATION NUMBER: US/08/910,632B
; PRIOR FILING DATE: 1997-08-13
; EARLIER APPLICATION NUMBER: 08/805,631
; EARLIER FILING DATE: 1997-02-26
; EARLIER APPLICATION NUMBER: 08/393,439
; EARLIER FILING DATE: 1995-02-23
; EARLIER APPLICATION NUMBER: 08/047,860
; EARLIER FILING DATE: 1993-04-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic AS83 DNA nanocircle
US-08-910-632-5

Query Match      0.3%; Score 18.8; DB 1; Length 26;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAAAA 5414
Db      5 AAAAAAAACAAAAAATAAAAA 26

RESULT 23
US-08-805-631A-5
; Sequence 5, Application US/08805631A
; Patent No. 6096880
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF ROCHESTER
; TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND
; NUMBER OF SEQUENCES: 72
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.
; STREET: 119 No. 6096880th Fourth Street, Suite 201
; CITY: Minneapolis
; STATE: Minnesota
; COUNTRY: USA
; ZIP: 55401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible

```



Patent No. 5994076  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
APPLICANT: Jokhadze, George  
APPLICANT: Bibilashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,998  
FILING DATE: 21-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 1103:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 27 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
US-08-859-998-1103

Query Match 0.3%; Score 19; DB 1; Length 27;  
Best Local Similarity 81.5%; Pred. No. 97;  
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 118 CTTGCGCTCAAGGTTGATCTCAGGA 144  
DB 27 CTTGCGCTCAAGGATTGAGATGAGA 1

RESULT 18  
US-09-225-928-1103/c  
Sequence 1103, Application US/09225928  
Patent No. 6352829  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
APPLICANT: Jokhadze, George  
APPLICANT: Bibilashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,928  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 1103:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 27 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
US-09-225-928-1103

Query Match 0.3%; Score 19; DB 1; Length 27;  
Best Local Similarity 81.5%; Pred. No. 97;  
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 118 CTTGCGCTCAAGGTTGATCTCAGGA 144  
DB 27 CTTGCGCTCAAGGATTGAGATGAGA 1

RESULT 19  
US-09-225-201B-1103/c  
Sequence 1103, Application US/09225201B  
Patent No. 6489455  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
APPLICANT: Jokhadze, George  
APPLICANT: Bibilashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,201B  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001

```
; Patent No. 6605272
; GENERAL INFORMATION:
; APPLICANT: No. 6605272ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprechter, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA1 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/923, 246
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
; US-09-923-246-38
```

```
Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 85;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 5392 TAAATAATACAAAAAGAAAAA 5415
Db 26 TAAAAAAAAAAAAAAAAAAAAA 3
```

```
RESULT 15
US-10-295-723-38/c
; Sequence 38, Application US/10295723
; Patent No. 6686178
; GENERAL INFORMATION:
; APPLICANT: No. 6686178ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprechter, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA1 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/295,723
; PRIOR FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 26
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
; US-10-295-723-38
```

```
Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 85;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5392 TAAATAATACAAAAAGAAAAA 5415
Db 26 TAAAAAAAAAAAAAAAAAAAAA 3
```

```
RESULT 16
US-08-208-486-79
; Sequence 79, Application US/08208486
; Patent No. 538531
; GENERAL INFORMATION:
; APPLICANT: Ito, Junetsu
; APPLICANT: Yoo, Seung-Ku
; TITLE OF INVENTION: METHODS TO REPLICATE DNA IN VITRO USING
; TITLE OF INVENTION: PRD1-CATALYZED DNA REPLICATION SYSTEMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cahill, Sutron & Thomas
; STREET: 155 Park One, 2141 E. Highland Ave.
; CITY: Phoenix
; STATE: Arizona
; COUNTRY: U.S.A.
; ZIP: 85016
```

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 1.2 Mb
COMPUTER: Packard Bell (IBM PC/AT compatible)
OPERATING SYSTEM: MS-Dos, Version 5.0
SOFTWARE: WordPerfect Version 5.1
```

```
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/208,486
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
```

```
APPLICATION NUMBER: 07/869,916
FILING DATE: April 14, 1992
APPLICATION NUMBER: Japan 240525/91
FILING DATE: August 26, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janelle Faunce Raup
REGISTRATION NUMBER: 30,485
REFERENCE/DOCKET NUMBER: #3954-A-7
TELECOMMUNICATION INFORMATION:
TELEPHONE: (602) 956-7000
TELEFAX: (602) 495-9475
INFORMATION FOR SRD ID NO: 79;
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid (synthetic DNA)
; US-08-208-486-79
```

```
Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 97;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY 5389 AATTAAAAATACAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 27
```

```
RESULT 17
US-08-859-998-1103/c
; Sequence 1103, Application US/0885998
```

APPLICATION NUMBER: WO FR95/01468  
FILING DATE: 08-NOV-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Savitzky Esq., Martin F.  
REGISTRATION NUMBER: 29,639  
REFERENCE/DOCKET NUMBER: ST94090-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (610) 454-3816  
TELEFAX: (610) 454-3808  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "Oligonucleotide"  
US-08-860-038-19

Query Match 0.4%; Score 19.2; DB 1; Length 26;  
Best Local Similarity 87.5%; Pred. No. 85;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAATCA 1203  
Db 26 AGAGAGAGAGAGAGAGAGAGCA 3

RESULT 11  
US-09-522-217-38/c  
Sequence 38, Application US/09522217  
Patent No. 6307024  
GENERAL INFORMATION:  
APPLICANT: No. 6307024ak, Julia E.  
APPLICANT: Presnell, Scott R.  
APPLICANT: Sprecher, Cindy A.  
APPLICANT: Foster, Donald C.  
APPLICANT: Holly, Richard D.  
APPLICANT: Gross, Jane A.  
APPLICANT: Johnston, Janet V.  
APPLICANT: Nelson, Andrew J.  
APPLICANT: Dillon, Stacey R.  
APPLICANT: Hammond, Angela K.  
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAL1 LIGAND  
FILE REFERENCE: 99-16  
CURRENT APPLICATION NUMBER: US/09/522,217  
CURRENT FILING DATE: 2000-03-09  
EARLIER APPLICATION NUMBER: US 60/123,547  
EARLIER FILING DATE: 1999-03-09  
EARLIER APPLICATION NUMBER: US 60/123,904  
EARLIER FILING DATE: 1999-03-11  
EARLIER APPLICATION NUMBER: US 60/142,013  
EARLIER FILING DATE: 1999-07-01  
NUMBER OF SEQ ID NOS: 115  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 38  
LENGTH: 26  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide primer ZC7764a  
US-09-522-217-38

Query Match 0.4%; Score 19.2; DB 1; Length 26;  
Best Local Similarity 87.5%; Pred. No. 85;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAATAATTCATAAAAGAAAAA 5415  
Db 26 TAAATAATTCATAAAAGAAAAA 3

RESULT 12

US-09-580-923-19/c  
Sequence 19, Application US/09580923  
Patent No. 6319672  
GENERAL INFORMATION:  
APPLICANT: Crouzet, Joel  
APPLICANT: Scherman, Daniel  
APPLICANT: Wills, Pierre  
APPLICANT: Cameron, Beatrice  
APPLICANT: Blanche, Francis  
TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN  
TITLE OF INVENTION: IMMOBILIZED OLIGONUCLEOTIDE  
FILE REFERENCE: 03804.0138-01  
CURRENT APPLICATION NUMBER: US/09/580,923  
CURRENT FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: 08/860,038  
PRIOR FILING DATE: 1997-06-09  
PRIOR APPLICATION NUMBER: PCT/FR95/01468  
PRIOR FILING DATE: 1995-11-08  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 19  
LENGTH: 26  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:  
OTHER INFORMATION: oligonucleotide  
US-09-580-923-19

Query Match 0.4%; Score 19.2; DB 1; Length 26;  
Best Local Similarity 87.5%; Pred. No. 85;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAATCA 1203  
Db 26 AGAGAGAGAGAGAGAGAGAGCA 3

RESULT 13  
US-09-527-345-7/c  
Sequence 7, Application US/09527345  
Patent No. 6331413  
GENERAL INFORMATION:  
APPLICANT: Shepherd, Paul O.  
APPLICANT: Adler, David A.  
TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE  
FILE REFERENCE: 97-71  
CURRENT APPLICATION NUMBER: US/09/527,345  
CURRENT FILING DATE: 1999-03-17  
PRIOR APPLICATION NUMBER: US 60/124,820  
PRIOR FILING DATE: 1999-03-17  
NUMBER OF SEQ ID NOS: 9  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 7  
LENGTH: 26  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide primer ZC7764a  
US-09-527-345-7

Query Match 0.4%; Score 19.2; DB 1; Length 26;  
Best Local Similarity 87.5%; Pred. No. 85;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAATAATTCATAAAAGAAAAA 5415  
Db 26 TAAATAATTCATAAAAGAAAAA 3

RESULT 14  
US-09-923-246-38/c  
Sequence 38, Application US/09923246

RESULT 7  
US-10-042-193A-2  
; Sequence 2, Application US/10042193A  
; Patent No. 6743588  
; GENERAL INFORMATION:  
; APPLICANT: TAKUNAGA, TAKUMI  
; APPLICANT: ISHIGURO, TAKAHIKO  
; APPLICANT: HORIE, RYUICHI  
; TITLE OF INVENTION: NOVEL FLOURSCEN DYE AND METHOD OF MEASURING NUCLEIC ACID  
; FILE REFERENCE: 218077USO  
; CURRENT APPLICATION NUMBER: US/10/042,193A  
; PRIOR FILING DATE: 2002-01-11  
; PRIOR FILING DATE: 2001-01-11  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
US-10-042-193A-2

Query Match 0.4%; Score 21; DB 1; Length 30;  
Best Local Similarity 82.8%; Pred. No. 44;  
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAGAGAAAAATGAAAA 5421  
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 8  
US-09-475-947A-153/c  
; Sequence 153, Application US/09475947A  
; Patent No. 6472154  
; GENERAL INFORMATION:  
; APPLICANT: Garner, Harold R.  
; APPLICANT: Wren, Jonathan D.  
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes  
; FILE REFERENCE: UTS0667  
; CURRENT APPLICATION NUMBER: US/09/475,947A  
; CURRENT FILING DATE: 1999-12-31  
; NUMBER OF SEQ ID NOS: 346  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 153  
; LENGTH: 27  
; TYPE: DNA  
; ORGANISM: human  
US-09-475-947A-153

Query Match 0.4%; Score 20.6; DB 1; Length 27;  
Best Local Similarity 85.2%; Pred. No. 47;  
Matches 23; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5389 AATTAAAAATACAAAAAGAAAAA 5415  
Db 27 AATTAAAAA 1

RESULT 9  
US-08-621-914A-1/c  
; Sequence 1, Application US/08621914A  
; Patent No. 5707807  
; GENERAL INFORMATION:  
; APPLICANT: KATO, KIKUYA  
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE  
; ANALYSIS  
; NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:  
; ADDRESS: PENNIE & EDMONDS  
; STREET: 1155 AVENUE OF THE AMERICAS  
; CITY: NEW YORK  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/621,914A  
; FILING DATE: 26-MAR-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: LAWRENCE III, STANTON T.  
; REGISTRATION NUMBER: 25,736  
; REFERENCE/DOCKET NUMBER: 7005-107-999  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 790-9090  
; TELEFAX: (212) 869-9741  
; TELEX: 66141 PENNIE  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 26 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: unknown  
; TOPOLOGY: unknown  
; MOLECULE TYPE: other nucleic acid  
US-08-621-914A-1

Query Match 0.4%; Score 19.2; DB 1; Length 26;  
Best Local Similarity 87.5%; Pred. No. 85;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGAAAAA 5415  
Db 26 TAAAAA 3

RESULT 10  
US-08-860-038-19/c  
; Sequence 19, Application US/08860038  
; Patent No. 6287762  
; GENERAL INFORMATION:  
; APPLICANT: CROUZET, Joel  
; APPLICANT: SCHERMAN, Daniel  
; TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION  
; TITLE OF INVENTION: WITH AN IMMOBILIZED OLIGONUCLEOTIDE  
; NUMBER OF SEQUENCES: 25  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Rhone-Poulenc Rorer Inc.  
; STREET: 500 Arcola Road, Mailstop 3C43  
; CITY: Collegeville  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19426  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/860,038  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: FR 94/15162  
; FILING DATE: 16-DEC-1994  
; PRIOR APPLICATION DATA:

OTHER INFORMATION: Description of Artificial Sequence: made by humans  
US-09-083-123-3

Query Match 0.4%; Score 21; DB 1; Length 30;  
Best Local Similarity 82.8%; Pred. No. 44;  
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAAAAATGAAA 5421  
DB 30 AAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 4  
US-09-083-123-7  
Sequence 7, Application US/09083123  
Patent No. 6326143  
GENERAL INFORMATION:  
APPLICANT: Seeger, Corina  
TITLE OF INVENTION: Method for Generating Multiple Double Stranded Nucleic  
FILE REFERENCE: sequence listing  
CURRENT APPLICATION NUMBER: US/09/083,123  
CURRENT FILING DATE: 1998-05-22  
EARLIER APPLICATION NUMBER: EP 95118600.6  
EARLIER FILING DATE: 1995-11-25  
EARLIER APPLICATION NUMBER: PCT/EP96/05149  
EARLIER FILING DATE: 1996-11-22  
NUMBER OF SEQ ID NOS: 8  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 7  
LENGTH: 30  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: made by humans  
US-09-083-123-7

Query Match 0.4%; Score 21; DB 1; Length 30;  
Best Local Similarity 82.8%; Pred. No. 44;  
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAAAAATGAAA 5421  
DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 5  
US-08-882-649A-10  
Sequence 10, Application US/08882649A  
Patent No. 6344316  
GENERAL INFORMATION:  
APPLICANT: Lockhart, David J.  
Chee, Mark  
Gunderson, Kevin  
Chaoqiang, Lai  
Modicka, Lisa  
Cronlin, Maureen T.  
Lee, Danny  
Tran, Huu M.  
Matsumaki, Hajime  
McGall, Glenn H.  
TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Joe Liebeschuetz  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/882,649A  
FILING DATE: 25-Jun-1997  
CLASSIFICATION: 435-006,000  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/010,471  
FILING DATE: 23-JAN-1996  
APPLICATION NUMBER: US 60/035,170  
FILING DATE: 09-JAN-1997  
APPLICATION NUMBER: PCT/US97/01603  
FILING DATE: 22-JAN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Liebeschuetz, Joe  
REGISTRATION NUMBER: 37,505  
REFERENCE/DOCKET NUMBER: 018547-019410US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: YES  
FEATURES:  
SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
US-08-882-649A-10

Query Match 0.4%; Score 21; DB 1; Length 30;  
Best Local Similarity 82.8%; Pred. No. 44;  
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAAAAATGAAA 5421  
DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 6  
US-10-042-193A-1/C  
Sequence 1, Application US/10042193A  
Patent No. 6743588  
GENERAL INFORMATION:  
APPLICANT: TAKUNAGA, TAKUMI  
APPLICANT: ISHIGURO, TAKAHIKO  
APPLICANT: HORIE, RYUICHI  
TITLE OF INVENTION: NOVEL FLOURESCEN DYE AND METHOD OF MEASURING NUCLEIC ACID  
FILE REFERENCE: 218077USO  
CURRENT APPLICATION NUMBER: US/10/042,193A  
CURRENT FILING DATE: 2002-01-11  
PRIOR APPLICATION NUMBER: JP 2001-003432  
PRIOR FILING DATE: 2001-01-11  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 1  
LENGTH: 30  
TYPE: DNA  
ORGANISM: ARTIFICIAL SEQUENCE  
FEATURE:  
OTHER INFORMATION: SYNTHETIC DNA  
US-10-042-193A-1

Query Match 0.4%; Score 21; DB 1; Length 30;  
Best Local Similarity 82.8%; Pred. No. 44;  
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAAAAATGAAA 5421  
DB 30 AAAAAAAAAAAAAAAAAAAAAAAAAA 2

C1421 13.2 0.2 18 1 US-09-377-502-44 Sequence 44, Appl  
C1422 13.2 0.2 18 1 PCT-US94-05407-4 Sequence 4, Appl1  
C1423 13.2 0.2 18 1 PCT-US94-05407-5 Sequence 5, Appl1  
C1424 13.2 0.2 18 1 PCT-US95-08605-29 Sequence 29, Appl1  
C1425 13.2 0.2 18 1 PCT-US95-13142-27 Sequence 27, Appl1  
C1426 13.2 0.2 18 1 PCT-US96-01473-2 Sequence 2, Appl1  
C1427 13.2 0.2 18 1 PCT-US96-01473-4 Sequence 4, Appl1

## ALIGNMENTS

RESULT 1  
US-08-433-505-9  
Sequence 9, Application US/08433505  
Patent No. 5695936  
GENERAL INFORMATION:  
APPLICANT: MANDRAND, Bernard  
APPLICANT: CROS, Philippe  
APPLICANT: DELAIR, Thierry  
APPLICANT: CHARLES, Marie-Helene  
APPLICANT: BROUT, Marie-No. 569593611e  
APPLICANT: PICHOT, Christian  
APPLICANT: TONNELIER, Jean-Claude  
TITLE OF INVENTION: REAGENT AND METHOD FOR THE DETECTION OF  
TITLE OF INVENTION: A NUCLEOTIDE SEQUENCE WITH SIGNAL AMPLIFICATION  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OLIF & BERRIDGE  
STREET: P.O. Box 19928  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22320  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/433,505  
FILING DATE: 12-MAY-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: BERRIDGE, WILLIAM P.  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 36349  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6400  
TELEFAX: 703-836-2787  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-433-505-9

Query Match 0.4%; Score 21; DB 1; Length 30;  
Best Local Similarity 82.8%; Pred. No. 44;  
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAGAAAATGAAA 5421  
DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 2  
US-08-870-730-9  
Sequence 9, Application US/08870730  
Patent No. 6017707  
GENERAL INFORMATION:

APPLICANT: MANDRAND, Bernard  
APPLICANT: CROS, Philippe  
APPLICANT: DELAIR, Thierry  
APPLICANT: CHARLES, Marie-Helene  
APPLICANT: BROUT, Marie-No. 601770711e  
APPLICANT: PICHOT, Christian  
TITLE OF INVENTION: REAGENT AND METHOD FOR THE DETECTION OF  
TITLE OF INVENTION: A NUCLEOTIDE SEQUENCE WITH SIGNAL AMPLIFICATION  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OLIF & BERRIDGE, PLC  
STREET: P.O. Box 19928  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22320  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/870,730  
FILING DATE: 06-JUN-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: BERRIDGE, WILLIAM P.  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 36349A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6400  
TELEFAX: 703-836-2787  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-870-730-9

Query Match 0.4%; Score 21; DB 1; Length 30;  
Best Local Similarity 82.8%; Pred. No. 44;  
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAGAAAATGAAA 5421  
DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 3  
US-09-083-123-3/C  
Sequence 3, Application US/09083123  
Patent No. 6326143  
GENERAL INFORMATION:  
APPLICANT: Orum, Hendrik  
APPLICANT: Seeger, Corina  
TITLE OF INVENTION: Method for Generating Multiple Double Stranded Nucleic  
TITLE OF INVENTION: Acids  
FILE REFERENCE: sequence listing  
CURRENT APPLICATION NUMBER: US/09/083,123  
CURRENT FILING DATE: 1998-05-22  
EARLIER APPLICATION NUMBER: EP 95118600.6  
EARLIER FILING DATE: 1995-11-25  
EARLIER APPLICATION NUMBER: PCT/EP96/05149  
EARLIER FILING DATE: 1996-11-22  
NUMBER OF SEQ ID NOS: 8  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 3  
LENGTH: 30  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:

c1275	13.2	0.2	18	1	US-08-358-556A-12	Sequence 12, Appl	c1348	13.2	0.2	18	1	US-09-577-902-10	Sequence 10, Appl
c1276	13.2	0.2	18	1	US-08-358-556A-18	Sequence 18, Appl	c1349	13.2	0.2	18	1	US-09-514-422-4	Sequence 4, Appl
c1277	13.2	0.2	18	1	US-08-471-969-13	Sequence 13, Appl	c1350	13.2	0.2	18	1	US-08-996-533-13	Sequence 13, Appl
c1278	13.2	0.2	18	1	US-08-471-969-15	Sequence 15, Appl	c1351	13.2	0.2	18	1	US-09-521-144-34	Sequence 34, Appl
c1279	13.2	0.2	18	1	US-08-471-969-28	Sequence 28, Appl	c1352	13.2	0.2	18	1	US-09-257-580-10	Sequence 10, Appl
c1280	13.2	0.2	18	1	US-08-384-137-13	Sequence 13, Appl	c1353	13.2	0.2	18	1	US-08-891-292A-24	Sequence 24, Appl
c1281	13.2	0.2	18	1	US-08-384-137-15	Sequence 15, Appl	c1354	13.2	0.2	18	1	US-08-891-292A-39	Sequence 39, Appl
c1282	13.2	0.2	18	1	US-08-384-137-28	Sequence 28, Appl	c1355	13.2	0.2	18	1	US-09-302-620B-18	Sequence 18, Appl
c1283	13.2	0.2	18	1	US-08-459-852A-4	Sequence 4, Appl	c1356	13.2	0.2	18	1	US-09-651-655-62	Sequence 62, Appl
c1284	13.2	0.2	18	1	US-08-585-684B-2556	Sequence 2556, Ap	c1357	13.2	0.2	18	1	US-09-651-656-64	Sequence 64, Appl
c1285	13.2	0.2	18	1	US-08-320-306-1	Sequence 1, Appl	c1358	13.2	0.2	18	1	US-09-133-411-13	Sequence 13, Appl
c1287	13.2	0.2	18	1	US-08-912-129A-33	Sequence 33, Appl	c1359	13.2	0.2	18	1	US-09-133-411-15	Sequence 15, Appl
c1288	13.2	0.2	18	1	US-08-488-209B-1	Sequence 1, Appl	c1360	13.2	0.2	18	1	US-09-133-411-28	Sequence 28, Appl
c1289	13.2	0.2	18	1	US-08-408-011-1	Sequence 1, Appl	c1361	13.2	0.2	18	1	US-09-218-207-39	Sequence 39, Appl
c1290	13.2	0.2	18	1	US-08-996-306-39	Sequence 39, Appl	c1362	13.2	0.2	18	1	US-09-218-207-360	Sequence 360, App
c1291	13.2	0.2	18	1	US-09-213-767-33	Sequence 33, Appl	c1363	13.2	0.2	18	1	US-09-357-740-6	Sequence 6, Appl
c1292	13.2	0.2	18	1	US-09-205-922-12	Sequence 12, Appl	c1364	13.2	0.2	18	1	US-09-026-601-18	Sequence 18, Appl
c1293	13.2	0.2	18	1	US-09-205-922-44	Sequence 44, Appl	c1365	13.2	0.2	18	1	US-09-650-855-64	Sequence 62, Appl
c1294	13.2	0.2	18	1	US-09-205-304-34	Sequence 2, Appl	c1366	13.2	0.2	18	1	US-09-650-855-62	Sequence 64, Appl
c1295	13.2	0.2	18	1	US-08-470-006A-13	Sequence 13, Appl	c1367	13.2	0.2	18	1	US-09-405-995-48	Sequence 48, Appl
c1296	13.2	0.2	18	1	US-08-470-006A-15	Sequence 15, Appl	c1368	13.2	0.2	18	1	US-09-325-995-61	Sequence 61, Appl
c1297	13.2	0.2	18	1	US-08-470-006A-28	Sequence 28, Appl	c1369	13.2	0.2	18	1	US-09-019-793A-79	Sequence 79, Appl
c1298	13.2	0.2	18	1	US-09-197-360-35	Sequence 35, Appl	c1370	13.2	0.2	18	1	US-09-637-751A-7	Sequence 7, Appl
c1299	13.2	0.2	18	1	US-09-256-496-73	Sequence 73, Appl	c1371	13.2	0.2	18	1	US-09-856-074B-35	Sequence 35, Appl
c1300	13.2	0.2	18	1	US-08-691-563C-13	Sequence 13, Appl	c1372	13.2	0.2	18	1	US-09-167-109-167	Sequence 167, App
c1301	13.2	0.2	18	1	US-08-691-563C-15	Sequence 15, Appl	c1373	13.2	0.2	18	1	US-09-545-225-9	Sequence 9, Appl
c1302	13.2	0.2	18	1	US-08-691-563C-28	Sequence 28, Appl	c1374	13.2	0.2	18	1	US-09-619-103-24	Sequence 24, Appl
c1303	13.2	0.2	18	1	US-09-106-038A-23	Sequence 23, Appl	c1375	13.2	0.2	18	1	US-08-275-951-32	Sequence 32, Appl
c1304	13.2	0.2	18	1	US-09-205-921-12	Sequence 12, Appl	c1376	13.2	0.2	18	1	US-09-531-000-29	Sequence 29, Appl
c1305	13.2	0.2	18	1	US-09-205-921-28	Sequence 28, Appl	c1377	13.2	0.2	18	1	US-09-322-409-17	Sequence 17, Appl
c1306	13.2	0.2	18	1	US-09-205-921-31	Sequence 31, Appl	c1378	13.2	0.2	18	1	US-09-451-527-17	Sequence 17, Appl
c1307	13.2	0.2	18	1	US-09-255-911-23	Sequence 23, Appl	c1379	13.2	0.2	18	1	US-09-431-385-19	Sequence 19, Appl
c1308	13.2	0.2	18	1	US-08-462-947-27	Sequence 27, Appl	c1380	13.2	0.2	18	1	US-09-920-760-19	Sequence 19, Appl
c1309	13.2	0.2	18	1	US-09-161-443-46	Sequence 46, Appl	c1381	13.2	0.2	18	1	US-09-920-760-35	Sequence 35, Appl
c1310	13.2	0.2	18	1	US-09-358-381-10	Sequence 10, Appl	c1382	13.2	0.2	18	1	US-09-077-619-30	Sequence 30, Appl
c1311	13.2	0.2	18	1	US-08-858-876A-9	Sequence 9, Appl	c1383	13.2	0.2	18	1	US-09-280-030-28	Sequence 28, Appl
c1312	13.2	0.2	18	1	US-09-339-964-42	Sequence 42, Appl	c1384	13.2	0.2	18	1	US-09-319-588C-55	Sequence 55, Appl
c1313	13.2	0.2	18	1	US-09-189-760-4	Sequence 4, Appl	c1385	13.2	0.2	18	1	US-09-422-978-580	Sequence 580, Ap
c1314	13.2	0.2	18	1	US-09-188-811-4	Sequence 4, Appl	c1386	13.2	0.2	18	1	US-09-422-978-580	Sequence 580, Ap
c1315	13.2	0.2	18	1	US-08-859-167-7	Sequence 7, Appl	c1387	13.2	0.2	18	1	US-09-422-978-582	Sequence 582, Ap
c1316	13.2	0.2	18	1	US-09-339-993-35	Sequence 35, Appl	c1388	13.2	0.2	18	1	US-09-422-978-6975	Sequence 6975, Ap
c1317	13.2	0.2	18	1	US-09-256-465-44	Sequence 44, Appl	c1389	13.2	0.2	18	1	US-09-422-978-7557	Sequence 7557, Ap
c1318	13.2	0.2	18	1	US-08-295-509B-4	Sequence 4, Appl	c1390	13.2	0.2	18	1	US-09-422-978-7558	Sequence 7558, Ap
c1319	13.2	0.2	18	1	US-09-344-579-32	Sequence 32, Appl	c1391	13.2	0.2	18	1	US-09-422-978-7849	Sequence 7849, Ap
c1320	13.2	0.2	18	1	US-09-109-473-7	Sequence 7, Appl	c1392	13.2	0.2	18	1	US-09-422-978-8202	Sequence 8202, Ap
c1321	13.2	0.2	18	1	US-08-765-626-29	Sequence 29, Appl	c1393	13.2	0.2	18	1	US-09-422-978-8612	Sequence 8642, Ap
c1322	13.2	0.2	18	1	US-08-884-029-9	Sequence 9, Appl	c1394	13.2	0.2	18	1	US-09-422-978-9179	Sequence 9179, Ap
c1323	13.2	0.2	18	1	US-08-867-381A-34	Sequence 34, Appl	c1395	13.2	0.2	18	1	US-09-422-978-9471	Sequence 9471, Ap
c1324	13.2	0.2	18	1	US-08-872-917-1	Sequence 1, Appl	c1396	13.2	0.2	18	1	US-09-927-737C-24	Sequence 24, Appl
c1325	13.2	0.2	18	1	US-08-941-445A-30	Sequence 30, Appl	c1397	13.2	0.2	18	1	US-09-927-737C-39	Sequence 39, Appl
c1326	13.2	0.2	18	1	US-09-205-143-41	Sequence 41, Appl	c1398	13.2	0.2	18	1	US-09-723-450-7	Sequence 7, Appl
c1327	13.2	0.2	18	1	US-09-205-143-57	Sequence 57, Appl	c1399	13.2	0.2	18	1	US-09-374-766-13	Sequence 13, Appl
c1328	13.2	0.2	18	1	US-09-280-409-49	Sequence 49, Appl	c1400	13.2	0.2	18	1	US-09-374-766-15	Sequence 15, Appl
c1329	13.2	0.2	18	1	US-09-280-409-93	Sequence 93, Appl	c1401	13.2	0.2	18	1	US-09-374-766-28	Sequence 28, Appl
c1330	13.2	0.2	18	1	US-09-289-466-65	Sequence 65, Appl	c1402	13.2	0.2	18	1	US-08-979-847B-13	Sequence 13, Appl
c1331	13.2	0.2	18	1	US-09-289-466-75	Sequence 75, Appl	c1403	13.2	0.2	18	1	US-09-585-174-25	Sequence 25, Appl
c1332	13.2	0.2	18	1	US-09-054-830-19	Sequence 19, Appl	c1404	13.2	0.2	18	1	US-09-693-011-7	Sequence 7, Appl
c1333	13.2	0.2	18	1	US-09-200-990-13	Sequence 13, Appl	c1405	13.2	0.2	18	1	US-09-370-541-14	Sequence 14, Appl
c1334	13.2	0.2	18	1	US-09-200-990-15	Sequence 15, Appl	c1406	13.2	0.2	18	1	US-09-559-306-50	Sequence 50, Appl
c1335	13.2	0.2	18	1	US-09-200-990-28	Sequence 28, Appl	c1407	13.2	0.2	18	1	US-09-367-513-3	Sequence 3, Appl
c1336	13.2	0.2	18	1	US-09-038-073-2556	Sequence 2556, Ap	c1408	13.2	0.2	18	1	US-09-747-391-201	Sequence 201, App
c1337	13.2	0.2	18	1	US-09-071-433-81	Sequence 81, Appl	c1409	13.2	0.2	18	1	US-09-855-793-65	Sequence 65, Appl
c1338	13.2	0.2	18	1	US-09-276-993-7	Sequence 7, Appl	c1410	13.2	0.2	18	1	US-10-125-295-9	Sequence 9, Appl
c1339	13.2	0.2	18	1	US-08-487-761-9	Sequence 9, Appl	c1411	13.2	0.2	18	1	US-10-012-605C-20	Sequence 20, Appl
c1340	13.2	0.2	18	1	US-09-156-856-1	Sequence 1, Appl	c1412	13.2	0.2	18	1	US-09-803-263-6	Sequence 6, Appl
c1341	13.2	0.2	18	1	US-08-478-316-79	Sequence 79, Appl	c1413	13.2	0.2	18	1	US-09-803-263-7	Sequence 7, Appl
c1342	13.2	0.2	18	1	US-09-632-580A-64	Sequence 64, Appl	c1414	13.2	0.2	18	1	US-09-032-438C-27	Sequence 27, Appl
c1343	13.2	0.2	18	1	US-09-544-713-65	Sequence 65, Appl	c1415	13.2	0.2	18	1	US-08-983-605-181	Sequence 181, Appl
c1344	13.2	0.2	18	1	US-09-338-907-59	Sequence 59, Appl	c1416	13.2	0.2	18	1	US-09-544-398B-554	Sequence 554, App
c1345	13.2	0.2	18	1	US-09-338-907-360	Sequence 360, App	c1417	13.2	0.2	18	1	US-09-394-311-7	Sequence 7, Appl
c1346	13.2	0.2	18	1	US-09-472-880-9	Sequence 9, Appl	c1418	13.2	0.2	18	1	US-09-601-326-118	Sequence 118, App
c1347	13.2	0.2	18	1	US-09-630-706-94	Sequence 94, Appl	c1419	13.2	0.2	18	1	US-09-142-108C-29	Sequence 29, Appl
							c1420	13.2	0.2	18	1	US-09-856-662-38	Sequence 38, Appl

c1129	13.4	0.2	17	1	US-09-866-108A-7801	Sequence 7801, Ap	1202	13.4	0.2	18	1	US-09-422-978-8412	Sequence 8412, Ap
c1130	13.4	0.2	17	1	US-09-866-108A-7802	Sequence 7802, Ap	1203	13.4	0.2	18	1	US-09-422-978-11781	Sequence 11781, A
1131	13.4	0.2	17	1	US-09-866-108A-7830	Sequence 7830, Ap	1204	13.4	0.2	18	1	US-09-509-654-1	Sequence 1, Appl1
1132	13.4	0.2	17	1	US-09-866-108A-7831	Sequence 7831, Ap	1205	13.4	0.2	18	1	US-09-686-055A-12	Sequence 12, Appl
1133	13.4	0.2	17	1	US-09-866-108A-7832	Sequence 7832, Ap	1206	13.4	0.2	18	1	US-09-371-772B-4066	Sequence 4066, Ap
1134	13.4	0.2	17	1	US-09-866-108A-8335	Sequence 8335, Ap	1207	13.4	0.2	18	1	US-10-294-203-10	Sequence 10, Appl
1135	13.4	0.2	17	1	US-09-866-108A-8336	Sequence 8336, Ap	1208	13.4	0.2	18	1	US-09-544-398B-510	Sequence 510, App
c1136	13.4	0.2	17	1	US-09-866-108A-8335	Sequence 8335, Ap	1209	13.4	0.2	18	1	US-09-994-311-6	Sequence 6, Appl1
c1137	13.4	0.2	17	1	US-09-866-108A-8336	Sequence 8336, Ap	1210	13.4	0.2	18	1	US-10-220-587-31	Sequence 31, Appl
c1138	13.4	0.2	17	1	US-09-866-108A-8367	Sequence 8367, Ap	1211	13.4	0.2	18	1	PCT-US91-03680-74	Sequence 74, Appl
1139	13.4	0.2	17	1	US-09-866-108A-8646	Sequence 8646, Ap	1212	13.4	0.2	18	1	PCT-US91-03680-154	Sequence 154, App
c1140	13.4	0.2	17	1	US-09-866-108A-8646	Sequence 8646, Ap	1213	13.4	0.2	18	1	PCT-US91-0774A-42	Sequence 42, Appl
1141	13.4	0.2	17	1	US-09-866-108A-8647	Sequence 8647, Ap	1214	13.4	0.2	19	1	US-08-246-583-13	Sequence 13, Appl
c1142	13.4	0.2	17	1	US-09-866-108A-8647	Sequence 8647, Ap	1215	13.4	0.2	19	1	US-08-299-074A-40	Sequence 40, Appl
1143	13.4	0.2	17	1	US-09-866-108A-9545	Sequence 9545, Ap	1216	13.4	0.2	19	1	US-08-881-784-18	Sequence 18, Appl
1144	13.4	0.2	17	1	US-09-866-108A-9546	Sequence 9546, Ap	1217	13.4	0.2	19	1	US-09-392-768-18	Sequence 18, Appl
c1145	13.4	0.2	17	1	US-09-866-108A-9649	Sequence 9649, Ap	1218	13.4	0.2	19	1	US-09-522-800-13	Sequence 13, Appl
c1146	13.4	0.2	17	1	US-09-866-108A-9650	Sequence 9650, Ap	1219	13.4	0.2	19	1	US-09-399-773-40	Sequence 40, Appl
c1147	13.4	0.2	17	1	US-09-866-108A-10663	Sequence 10663, A	1220	13.4	0.2	19	1	US-09-564-805-175	Sequence 175, App
c1148	13.4	0.2	17	1	US-09-289-921-72	Sequence 72, Appl	1221	13.4	0.2	19	1	US-09-636-791A-24	Sequence 24, Appl
c1149	13.4	0.2	17	1	US-09-404-912-75	Sequence 75, Appl	1222	13.4	0.2	19	1	US-09-422-978-11331	Sequence 11331, A
c1150	13.4	0.2	17	1	US-09-591-383-4	Sequence 383, App	1223	13.4	0.2	19	1	US-09-548-797B-51	Sequence 51, Appl
1151	13.4	0.2	18	1	US-08-248-848-56	Sequence 4, Appl1	1224	13.4	0.2	19	1	US-09-371-307-85	Sequence 5, Appl1
c1152	13.4	0.2	18	1	US-08-248-848-57	Sequence 57, Appl	1225	13.4	0.2	19	1	US-09-281-646B-5	Sequence 198, App
1153	13.4	0.2	18	1	US-07-976-103A-10	Sequence 10, Appl	1226	13.4	0.2	19	1	US-09-696-791-198	Sequence 415, App
c1154	13.4	0.2	18	1	US-08-261-822A-42	Sequence 42, Appl	1227	13.4	0.2	19	1	US-09-696-791-415	Sequence 4159, App
c1155	13.4	0.2	18	1	US-08-261-822A-42	Sequence 57, Appl	1228	13.4	0.2	19	1	US-09-696-791-2367	Sequence 2367, Ap
1156	13.4	0.2	18	1	US-08-111-077-56	Sequence 56, Appl	1229	13.4	0.2	19	1	US-09-696-791-2368	Sequence 2368, Ap
c1157	13.4	0.2	18	1	US-08-111-077-57	Sequence 4, Appl1	1230	13.4	0.2	19	1	US-09-696-791-2411	Sequence 2411, Ap
1158	13.4	0.2	18	1	US-08-145-617-4	Sequence 509, App	1231	13.4	0.2	19	1	US-09-696-791-2556	Sequence 2556, Ap
1159	13.4	0.2	18	1	US-08-758-306-509	Sequence 10, Appl	1232	13.4	0.2	19	1	US-09-696-791-2557	Sequence 2557, Ap
1160	13.4	0.2	18	1	US-08-473-481-10	Sequence 2572, Ap	1233	13.4	0.2	19	1	US-09-696-791-2557	Sequence 2585, Ap
c1161	13.4	0.2	18	1	US-08-585-684B-2581	Sequence 2581, Ap	1234	13.4	0.2	19	1	US-09-696-791-2585	Patent No. 5169941
c1162	13.4	0.2	18	1	US-08-585-684B-2672	Sequence 12, Appl	1235	13.4	0.2	19	1	5169941-27	Sequence 32, Appl
1163	13.4	0.2	18	1	US-08-951-648-12	Sequence 49, Appl	1236	13.4	0.2	20	1	US-09-418-641-32	Sequence 2069, Ap
1164	13.4	0.2	18	1	US-08-951-648-12	Sequence 30, Appl	1237	13.4	0.2	21	1	US-09-657-472-2069	Sequence 16, Appl
c1165	13.4	0.2	18	1	US-09-156-979-30	Sequence 17, Appl	1238	13.2	0.2	15	1	US-07-822-043-16	Sequence 17, Appl
1166	13.4	0.2	18	1	US-09-161-015-17	Sequence 24, Appl	1239	13.2	0.2	15	1	US-07-822-043-17	Sequence 16, Appl
1167	13.4	0.2	18	1	US-09-161-015-24	Sequence 15, Appl	1240	13.2	0.2	15	1	US-08-346-455B-16	Sequence 17, Appl
c1168	13.4	0.2	18	1	US-09-166-203-15	Sequence 57, Appl	1241	13.2	0.2	15	1	US-08-346-455B-17	Sequence 16, Appl
1169	13.4	0.2	18	1	US-08-544-381B-57	Sequence 36, Appl	1242	13.2	0.2	15	1	US-08-977-221-16	Sequence 17, Appl
c1170	13.4	0.2	18	1	US-09-256-465-29	Sequence 29, Appl	1243	13.2	0.2	15	1	US-08-977-221-16	Sequence 17, Appl
c1171	13.4	0.2	18	1	US-09-153-162-36	Sequence 36, Appl	1244	13.2	0.2	15	1	US-09-483-831B-16	Sequence 16, Appl
c1172	13.4	0.2	18	1	US-09-054-830-14	Sequence 14, Appl	1245	13.2	0.2	15	1	US-09-483-831B-17	Sequence 17, Appl
1173	13.4	0.2	18	1	US-09-174-437-12	Sequence 12, Appl	1246	13.2	0.2	15	1	PCT-US95-06613-16	Sequence 16, Appl
c1174	13.4	0.2	18	1	US-09-487-444-11	Sequence 11, Appl	1247	13.2	0.2	15	1	PCT-US95-06613-17	Sequence 17, Appl
c1175	13.4	0.2	18	1	US-09-286-407-36	Sequence 36, Appl	1248	13.2	0.2	16	1	PCT-US91-03680-98	Sequence 98, Appl
1176	13.4	0.2	18	1	US-09-474-922A-67	Sequence 67, Appl	1249	13.2	0.2	16	1	US-08-388-381-29	Sequence 29, Appl
c1177	13.4	0.2	18	1	US-09-038-073-2581	Sequence 2581, Ap	1250	13.2	0.2	18	1	US-08-102-567-27	Sequence 27, Appl
c1178	13.4	0.2	18	1	US-09-038-073-2672	Sequence 14, Appl	1251	13.2	0.2	18	1	US-08-319-836B-27	Sequence 27, Appl
1179	13.4	0.2	18	1	US-09-071-433-14	Sequence 14, Appl	1252	13.2	0.2	18	1	US-08-435-925C-5	Sequence 5, Appl1
c1180	13.4	0.2	18	1	US-09-038-637-142	Sequence 11, Appl	1253	13.2	0.2	18	1	US-08-373-124A-2249	Sequence 2249, Ap
1181	13.4	0.2	18	1	US-08-338-352-11	Sequence 11, Appl	1254	13.2	0.2	18	1	US-08-488-212A-1	Sequence 1, Appl1
c1182	13.4	0.2	18	1	US-09-377-309-15	Sequence 15, Appl	1255	13.2	0.2	18	1	US-08-616-398-15	Sequence 15, Appl
1183	13.4	0.2	18	1	US-09-338-907-49	Sequence 49, Appl	1256	13.2	0.2	18	1	US-08-621-914A-16	Sequence 16, Appl
1184	13.4	0.2	18	1	US-09-338-907-385	Sequence 385, App	1257	13.2	0.2	18	1	US-08-487-046-5	Sequence 5, Appl1
c1185	13.4	0.2	18	1	US-08-778-794A-115	Sequence 115, Appl	1258	13.2	0.2	18	1	US-08-487-046-6	Sequence 6, Appl1
1186	13.4	0.2	18	1	US-09-496-694B-45	Sequence 45, Appl	1259	13.2	0.2	18	1	US-08-483-522-5	Sequence 5, Appl1
c1187	13.4	0.2	18	1	US-09-496-694B-85	Sequence 85, Appl	1260	13.2	0.2	18	1	US-08-483-522-6	Sequence 6, Appl1
1188	13.4	0.2	18	1	US-09-218-207-49	Sequence 49, Appl	1261	13.2	0.2	18	1	US-08-808-303-13	Sequence 13, Appl
c1189	13.4	0.2	18	1	US-09-218-207-385	Sequence 385, App	1262	13.2	0.2	18	1	US-08-808-303-13	Sequence 13, Appl
c1190	13.4	0.2	18	1	US-08-584-040-8410	Sequence 8410, Ap	1263	13.2	0.2	18	1	US-08-471-724-13	Sequence 13, Appl
1191	13.4	0.2	18	1	US-08-599-738A-10	Sequence 10, Appl	1264	13.2	0.2	18	1	US-08-471-724-28	Sequence 28, Appl
c1192	13.4	0.2	18	1	US-09-637-751A-6	Sequence 6, Appl1	1265	13.2	0.2	18	1	US-08-758-306-965	Sequence 965, App
c1193	13.4	0.2	18	1	US-09-387-341-91	Sequence 91, Appl	1266	13.2	0.2	18	1	US-08-758-306-971	Sequence 971, App
1194	13.4	0.2	18	1	US-09-387-341-160	Sequence 160, App	1267	13.2	0.2	18	1	US-08-758-306-995	Sequence 995, App
1195	13.4	0.2	18	1	US-09-387-341-167	Sequence 167, App	1268	13.2	0.2	18	1	US-08-311-486C-1139	Sequence 1139, Ap
1196	13.4	0.2	18	1	US-09-144-367-36	Sequence 36, Appl	1269	13.2	0.2	18	1	US-08-435-628-2249	Sequence 2249, Ap
c1197	13.4	0.2	18	1	US-09-431-385-14	Sequence 14, Appl	1270	13.2	0.2	18	1	US-08-346-429-3	Sequence 3, Appl1
1198	13.4	0.2	18	1	US-09-077-619-17	Sequence 17, Appl	1271	13.2	0.2	18	1	US-08-384-324-2	Sequence 2, Appl1
c1199	13.4	0.2	18	1	US-09-422-978-5874	Sequence 5874, Ap	1272	13.2	0.2	18	1	US-08-384-324-4	Sequence 4, Appl1
1200	13.4	0.2	18	1	US-09-422-978-7435	Sequence 7435, Ap	1273	13.2	0.2	18	1	US-08-117-952-204	Sequence 204, Appl
c1201	13.4	0.2	18	1	US-09-422-978-7679	Sequence 7679, Ap	1274	13.2	0.2	18	1	US-08-117-952-709	Sequence 709, App



c 983	13.4	0.2	15	1	US-07-976-103A-40	Sequence 40, Appl	1056	13.4	0.2	15	1	US-10-294-203-6	Sequence 6, Appl1
984	13.4	0.2	15	1	US-07-976-103A-49	Sequence 49, Appl	1057	13.4	0.2	15	1	US-10-294-203-12	Sequence 12, Appl
c 985	13.4	0.2	15	1	US-08-426-807-1	Sequence 1, Appl1	c1058	13.4	0.2	15	1	US-10-294-203-40	Sequence 40, Appl
986	13.4	0.2	15	1	US-08-750-007-19	Sequence 19, Appl	1059	13.4	0.2	15	1	US-10-294-203-49	Sequence 49, Appl
987	13.4	0.2	15	1	US-08-311-486C-227	Sequence 227, App	1060	13.4	0.2	15	1	US-09-856-662-78	Sequence 78, Appl
c 988	13.4	0.2	15	1	US-07-892-902-6	Sequence 6, Appl1	c1061	13.4	0.2	16	1	US-08-086-630C-119	Sequence 179, Appl
c 989	13.4	0.2	15	1	US-07-892-902-7	Sequence 7, Appl1	c1062	13.4	0.2	16	1	US-08-086-328C-171	Sequence 171, Appl
990	13.4	0.2	15	1	US-08-473-481-4	Sequence 4, Appl1	c1063	13.4	0.2	16	1	US-08-282-129C-37	Sequence 37, Appl
991	13.4	0.2	15	1	US-08-473-481-6	Sequence 6, Appl1	c1064	13.4	0.2	16	1	US-09-531-000-22	Sequence 22, Appl
992	13.4	0.2	15	1	US-08-473-481-12	Sequence 12, Appl	c1065	13.4	0.2	16	1	US-09-475-947A-60	Sequence 60, Appl
c 993	13.4	0.2	15	1	US-08-473-481-10	Sequence 40, Appl	1066	13.4	0.2	16	1	US-09-475-005A-461	Sequence 461, App
994	13.4	0.2	15	1	US-08-473-481-49	Sequence 49, Appl	c1067	13.4	0.2	16	1	US-09-155-885A-20	Sequence 20, Appl1
995	13.4	0.2	15	1	US-08-173-489C-61	Sequence 61, Appl	c1068	13.4	0.2	17	1	US-07-874-334-3	Sequence 3, Appl1
c 996	13.4	0.2	15	1	US-08-173-489C-248	Sequence 248, App	1069	13.4	0.2	17	1	US-08-390-850-590	Sequence 590, App
997	13.4	0.2	15	1	US-08-483-464-2	Sequence 2, Appl1	c1070	13.4	0.2	17	1	US-08-373-124A-1353	Sequence 1353, App
998	13.4	0.2	15	1	US-08-483-464-6	Sequence 6, Appl1	1071	13.4	0.2	17	1	US-08-435-634-590	Sequence 590, App
c 999	13.4	0.2	15	1	US-08-740-821-8	Sequence 8, Appl1	c1072	13.4	0.2	17	1	US-08-357-784A-9	Sequence 9, Appl1
c1000	13.4	0.2	15	1	US-08-459-434-1	Sequence 1, Appl1	1073	13.4	0.2	17	1	US-08-758-306-1209	Sequence 1209, App
c1001	13.4	0.2	15	1	US-08-663-639A-7	Sequence 7, Appl1	c1074	13.4	0.2	17	1	US-08-435-628-1353	Sequence 1353, App
c1002	13.4	0.2	15	1	US-08-832-021-61	Sequence 61, Appl	c1075	13.4	0.2	17	1	US-08-489-066A-13	Sequence 13, Appl
1003	13.4	0.2	15	1	US-08-338-352-5	Sequence 5, Appl1	c1076	13.4	0.2	17	1	US-08-765-783A-79	Sequence 79, Appl
1004	13.4	0.2	15	1	US-08-338-352-7	Sequence 7, Appl1	c1077	13.4	0.2	17	1	US-08-489-072A-13	Sequence 13, Appl
1005	13.4	0.2	15	1	US-08-338-352-13	Sequence 13, Appl	c1078	13.4	0.2	17	1	US-08-823-487A-104	Sequence 104, App
c1006	13.4	0.2	15	1	US-09-202-294-1	Sequence 1, Appl1	c1079	13.4	0.2	17	1	US-08-985-162-185	Sequence 185, App
1007	13.4	0.2	15	1	US-09-081-646-23	Sequence 23, Appl	c1080	13.4	0.2	17	1	US-08-584-040-5943	Sequence 566, App
1008	13.4	0.2	15	1	US-08-599-738A-4	Sequence 4, Appl1	c1081	13.4	0.2	17	1	US-09-416-557-79	Sequence 79, Appl1
1009	13.4	0.2	15	1	US-08-599-738A-6	Sequence 6, Appl1	c1082	13.4	0.2	17	1	US-08-489-071A-13	Sequence 13, Appl
1010	13.4	0.2	15	1	US-08-599-738A-12	Sequence 12, Appl	1083	13.4	0.2	17	1	US-08-584-040-2095	Sequence 2095, App
c1011	13.4	0.2	15	1	US-08-599-738A-40	Sequence 40, Appl	c1084	13.4	0.2	17	1	US-08-584-040-5943	Sequence 5943, App
1012	13.4	0.2	15	1	US-08-599-738A-49	Sequence 49, Appl	c1085	13.4	0.2	17	1	US-08-584-040-5943	Sequence 5943, App
1013	13.4	0.2	15	1	US-09-400-502-23	Sequence 23, Appl	c1086	13.4	0.2	17	1	US-08-584-040-5945	Sequence 5945, App
1014	13.4	0.2	15	1	US-09-400-502-24	Sequence 24, Appl	1087	13.4	0.2	17	1	US-09-480-017-8	Sequence 8, Appl1
c1015	13.4	0.2	15	1	US-08-906-378-9	Sequence 9, Appl1	1088	13.4	0.2	17	1	US-09-474-432B-364	Sequence 364, App
c1016	13.4	0.2	15	1	US-09-475-947A-164	Sequence 164, App	c1089	13.4	0.2	17	1	US-09-474-432B-691	Sequence 691, App
c1017	13.4	0.2	15	1	US-09-717-422-2	Sequence 2, Appl1	1090	13.4	0.2	17	1	US-09-474-432B-884	Sequence 884, App
c1018	13.4	0.2	15	1	US-09-612-531-4	Sequence 4, Appl1	1091	13.4	0.2	17	1	US-09-371-772B-640	Sequence 640, App
c1019	13.4	0.2	15	1	US-09-612-531-8	Sequence 8, Appl1	c1092	13.4	0.2	17	1	US-09-371-772B-2780	Sequence 2780, App
c1020	13.4	0.2	15	1	US-09-612-531-10	Sequence 10, Appl	c1093	13.4	0.2	17	1	US-09-371-772B-2781	Sequence 2781, App
c1021	13.4	0.2	15	1	US-09-612-531-14	Sequence 14, Appl	c1094	13.4	0.2	17	1	US-09-371-772B-2782	Sequence 2782, App
c1022	13.4	0.2	15	1	US-09-612-531-15	Sequence 15, Appl	1095	13.4	0.2	17	1	US-09-371-772B-4161	Sequence 4161, App
c1023	13.4	0.2	15	1	US-09-612-531-16	Sequence 16, Appl	c1096	13.4	0.2	17	1	US-09-371-772B-4509	Sequence 4509, App
c1024	13.4	0.2	15	1	US-09-612-531-17	Sequence 17, Appl	1097	13.4	0.2	17	1	US-09-371-772B-4941	Sequence 4941, App
c1025	13.4	0.2	15	1	US-09-612-531-18	Sequence 18, Appl	1098	13.4	0.2	17	1	US-09-371-772B-6465	Sequence 6465, App
c1026	13.4	0.2	15	1	US-09-612-531-19	Sequence 19, Appl	c1099	13.4	0.2	17	1	US-09-371-772B-6873	Sequence 6873, App
c1027	13.4	0.2	15	1	US-09-612-531-20	Sequence 20, Appl	1100	13.4	0.2	17	1	US-09-371-772B-6929	Sequence 6929, App
c1028	13.4	0.2	15	1	US-09-612-531-21	Sequence 21, Appl	1101	13.4	0.2	17	1	US-09-330-785-2	Sequence 2, Appl1
c1029	13.4	0.2	15	1	US-09-612-531-22	Sequence 22, Appl	1102	13.4	0.2	17	1	US-09-476-387-363	Sequence 363, App
c1030	13.4	0.2	15	1	US-09-612-531-23	Sequence 23, Appl	c1103	13.4	0.2	17	1	US-09-476-387-690	Sequence 893, App
c1031	13.4	0.2	15	1	US-09-612-531-24	Sequence 24, Appl	1104	13.4	0.2	17	1	US-09-476-387-883	Sequence 883, App
c1032	13.4	0.2	15	1	US-09-612-531-25	Sequence 25, Appl	c1105	13.4	0.2	17	1	US-09-401-063-185	Sequence 185, App
c1033	13.4	0.2	15	1	US-09-612-531-25	Sequence 25, Appl	1106	13.4	0.2	17	1	US-09-401-063-566	Sequence 566, App
c1034	13.4	0.2	15	1	US-09-753-943D-3	Sequence 3, Appl1	1107	13.4	0.2	17	1	US-09-866-108A-1148	Sequence 1349, App
c1035	13.4	0.2	15	1	US-09-753-943D-4	Sequence 4, Appl1	1108	13.4	0.2	17	1	US-09-866-108A-1149	Sequence 1891, App
c1036	13.4	0.2	15	1	US-09-753-943D-6	Sequence 6, Appl1	1109	13.4	0.2	17	1	US-09-866-108A-1891	Sequence 1896, App
c1037	13.4	0.2	15	1	US-09-753-943D-7	Sequence 7, Appl1	1110	13.4	0.2	17	1	US-09-866-108A-1896	Sequence 6111, App
c1038	13.4	0.2	15	1	US-09-753-943D-8	Sequence 8, Appl1	1111	13.4	0.2	17	1	US-09-866-108A-6516	Sequence 6516, App
c1039	13.4	0.2	15	1	US-09-753-943D-9	Sequence 9, Appl1	1112	13.4	0.2	17	1	US-09-866-108A-6517	Sequence 6517, App
c1040	13.4	0.2	15	1	US-09-753-943D-10	Sequence 10, Appl	1113	13.4	0.2	17	1	US-09-866-108A-6518	Sequence 6518, App
c1041	13.4	0.2	15	1	US-09-753-943D-11	Sequence 11, Appl	1114	13.4	0.2	17	1	US-09-866-108A-6519	Sequence 6519, App
c1042	13.4	0.2	15	1	US-09-753-943D-12	Sequence 12, Appl	1115	13.4	0.2	17	1	US-09-866-108A-6520	Sequence 6520, App
c1043	13.4	0.2	15	1	US-09-753-943D-13	Sequence 13, Appl	1116	13.4	0.2	17	1	US-09-866-108A-6525	Sequence 6256, App
c1044	13.4	0.2	15	1	US-09-753-943D-14	Sequence 14, Appl	1117	13.4	0.2	17	1	US-09-866-108A-6529	Sequence 6259, App
c1045	13.4	0.2	15	1	US-09-753-943D-15	Sequence 15, Appl	1118	13.4	0.2	17	1	US-09-866-108A-7121	Sequence 7121, App
c1046	13.4	0.2	15	1	US-09-753-943D-16	Sequence 16, Appl	1119	13.4	0.2	17	1	US-09-866-108A-7122	Sequence 7122, App
c1047	13.4	0.2	15	1	US-09-753-943D-17	Sequence 17, Appl	1120	13.4	0.2	17	1	US-09-866-108A-7123	Sequence 7123, App
c1048	13.4	0.2	15	1	US-09-753-943D-18	Sequence 18, Appl	1121	13.4	0.2	17	1	US-09-866-108A-7408	Sequence 7408, App
c1049	13.4	0.2	15	1	US-09-753-943D-19	Sequence 19, Appl	1122	13.4	0.2	17	1	US-09-866-108A-7411	Sequence 7411, App
c1050	13.4	0.2	15	1	US-09-753-943D-20	Sequence 20, Appl	1123	13.4	0.2	17	1	US-09-866-108A-7796	Sequence 7796, App
1051	13.4	0.2	15	1	US-09-753-943D-21	Sequence 21, Appl	1124	13.4	0.2	17	1		
1052	13.4	0.2	15	1	US-09-753-943D-22	Sequence 22, Appl	1125	13.4	0.2	17	1		
1053	13.4	0.2	15	1	US-09-753-943D-23	Sequence 23, Appl	1126	13.4	0.2	17	1		
1054	13.4	0.2	15	1	US-09-753-943D-24	Sequence 24, Appl	1127	13.4	0.2	17	1		
1055	13.4	0.2	15	1	US-10-294-203-4	Sequence 4, Appl1	c1128	13.4	0.2	17	1		

C 837	13.8	0.3	17	1	US-09-866-108A-918	Sequence 918, App	910	13.8	0.3	18	1	US-09-529-2390-45	Sequence 44, Appl
C 838	13.8	0.3	17	1	US-09-866-108A-1318	Sequence 118, Ap	C 911	13.8	0.3	18	1	US-09-865-879-44	Sequence 45, Appl
C 839	13.8	0.3	17	1	US-09-866-108A-1350	Sequence 1350, Ap	C 912	13.8	0.3	18	1	US-09-544-3988-422	Sequence 422, App
C 840	13.8	0.3	17	1	US-09-866-108A-1351	Sequence 1351, Ap	C 913	13.8	0.3	18	1	US-09-142-108C-27	Sequence 27, Appl
C 841	13.8	0.3	17	1	US-09-866-108A-1670	Sequence 1670, Ap	C 914	13.8	0.3	18	1	PCT-US91-03680-73	Sequence 73, Appl
C 842	13.8	0.3	17	1	US-09-866-108A-2019	Sequence 2019, Ap	C 915	13.8	0.3	19	1	US-08-255-892-63	Sequence 63, Appl
C 843	13.8	0.3	17	1	US-09-866-108A-2359	Sequence 2359, Ap	C 916	13.8	0.3	19	1	US-08-379-680-7	Sequence 7, Appl
C 844	13.8	0.3	17	1	US-09-866-108A-6676	Sequence 6676, Ap	C 917	13.8	0.3	19	1	US-08-796-883-7	Sequence 7, Appl
C 845	13.8	0.3	17	1	US-09-866-108A-6935	Sequence 6935, Ap	C 918	13.8	0.3	19	1	US-08-832-883-25	Sequence 25, Appl
C 846	13.8	0.3	17	1	US-09-866-108A-7799	Sequence 7799, Ap	C 919	13.8	0.3	19	1	US-08-832-877-25	Sequence 25, Appl
C 847	13.8	0.3	17	1	US-09-866-108A-7800	Sequence 7800, Ap	C 920	13.8	0.3	19	1	US-08-525-864A-16	Sequence 16, Appl
C 848	13.8	0.3	17	1	US-09-866-108A-8357	Sequence 8357, Ap	C 921	13.8	0.3	19	1	US-08-531-864-7	Sequence 7, Appl
C 849	13.8	0.3	17	1	US-09-866-108A-8399	Sequence 8399, Ap	C 922	13.8	0.3	19	1	US-08-373-636C-7	Sequence 7, Appl
C 850	13.8	0.3	17	1	US-09-866-108A-8418	Sequence 8418, Ap	C 923	13.8	0.3	19	1	US-08-858-876A-11	Sequence 11, Appl
C 851	13.8	0.3	17	1	US-09-866-108A-8465	Sequence 8465, Ap	C 924	13.8	0.3	19	1	US-08-967-454-7	Sequence 7, Appl
C 852	13.8	0.3	17	1	US-09-866-108A-8648	Sequence 8648, Ap	C 925	13.8	0.3	19	1	US-08-602-506A-7	Sequence 9, Appl
C 853	13.8	0.3	17	1	US-09-866-108A-8648	Sequence 8648, Ap	C 926	13.8	0.3	19	1	US-08-538-666-9	Sequence 9, Appl
C 854	13.8	0.3	17	1	US-09-866-108A-8649	Sequence 8649, Ap	C 927	13.8	0.3	19	1	US-08-538-666-15	Sequence 15, Appl
C 855	13.8	0.3	17	1	US-09-866-108A-8649	Sequence 8649, Ap	C 928	13.8	0.3	19	1	US-08-946-732-1	Sequence 1, Appl
C 856	13.8	0.3	17	1	US-09-866-108A-8650	Sequence 8650, Ap	C 929	13.8	0.3	19	1	US-08-574-549A-449	Sequence 449, App
C 857	13.8	0.3	17	1	US-09-866-108A-8810	Sequence 8810, Ap	C 930	13.8	0.3	19	1	US-09-566-294-7	Sequence 7, Appl
C 858	13.8	0.3	17	1	US-09-866-108A-8864	Sequence 8864, Ap	C 931	13.8	0.3	19	1	US-09-092-077-17	Sequence 17, Appl
C 859	13.8	0.3	17	1	US-09-866-108A-8915	Sequence 8915, Ap	C 932	13.8	0.3	19	1	US-09-179-281-7	Sequence 7, Appl
C 860	13.8	0.3	17	1	US-09-866-108A-9196	Sequence 9196, Ap	C 933	13.8	0.3	19	1	US-09-215-221-45	Sequence 45, Appl
C 861	13.8	0.3	17	1	US-09-866-108A-9544	Sequence 9544, Ap	C 934	13.8	0.3	19	1	US-09-489-869-4	Sequence 4, Appl
C 862	13.8	0.3	17	1	US-09-866-108A-9630	Sequence 9630, Ap	C 935	13.8	0.3	19	1	US-09-472-880-11	Sequence 11, Appl
C 863	13.8	0.3	17	1	US-09-866-108A-9651	Sequence 9651, Ap	C 936	13.8	0.3	19	1	US-09-397-915-1	Sequence 1, Appl
C 864	13.8	0.3	17	1	US-09-866-108A-10662	Sequence 10662, A	C 937	13.8	0.3	19	1	US-09-144-367-53	Sequence 53, Appl
C 865	13.8	0.3	17	1	US-09-866-108A-10664	Sequence 10664, A	C 938	13.8	0.3	19	1	US-09-018-125-3	Sequence 3, Appl
C 866	13.8	0.3	17	1	US-09-866-108A-10664	Sequence 10664, A	C 939	13.8	0.3	19	1	US-08-912-951-216	Sequence 216, App
C 867	13.8	0.3	17	1	PCT-US95-04219-5	Sequence 5, Appl	C 940	13.8	0.3	19	1	US-09-422-978-4994	Sequence 4994, Ap
C 868	13.8	0.3	17	1	PCT-US95-02219A-5	Sequence 5, Appl	C 941	13.8	0.3	19	1	US-09-755-665-74	Sequence 74, Appl
C 869	13.8	0.3	18	1	US-08-758-306-953	Sequence 953, App	C 942	13.8	0.3	19	1	US-09-402-181B-449	Sequence 449, App
C 870	13.8	0.3	18	1	US-08-224-981-10	Sequence 10, Appl	C 943	13.8	0.3	19	1	US-09-721-456-449	Sequence 449, App
C 871	13.8	0.3	18	1	US-08-246-982A-21	Sequence 21, Appl	C 944	13.8	0.3	19	1	US-09-911-226-1	Sequence 1, Appl
C 872	13.8	0.3	18	1	US-08-453-265-21	Sequence 21, Appl	C 945	13.8	0.3	19	1	US-09-155-885A-64	Sequence 64, Appl
C 873	13.8	0.3	18	1	US-08-363-240A-1223	Sequence 1223, Ap	C 946	13.8	0.3	19	1	US-09-696-791-92	Sequence 92, Appl
C 874	13.8	0.3	18	1	US-08-424-663-6	Sequence 6, Appl	C 947	13.8	0.3	19	1	US-09-696-791-744	Sequence 744, App
C 875	13.8	0.3	18	1	US-08-405-702A-15	Sequence 15, Appl	C 948	13.8	0.3	19	1	US-09-696-791-797	Sequence 797, App
C 876	13.8	0.3	18	1	US-08-758-306-499	Sequence 499, App	C 949	13.8	0.3	19	1	US-09-696-791-798	Sequence 798, App
C 877	13.8	0.3	18	1	US-08-173-489C-218	Sequence 218, App	C 950	13.8	0.3	19	1	US-09-696-791-2496	Sequence 2496, App
C 878	13.8	0.3	18	1	US-08-585-684B-2687	Sequence 2687, Ap	C 951	13.8	0.3	19	1	US-09-696-791-2573	Sequence 2573, Ap
C 879	13.8	0.3	18	1	US-09-156-979-29	Sequence 29, Appl	C 952	13.8	0.3	19	1	US-09-696-791-3393	Sequence 3393, Ap
C 880	13.8	0.3	18	1	US-09-161-015-27	Sequence 27, Appl	C 953	13.8	0.3	19	1	US-09-696-791-3394	Sequence 3394, Ap
C 881	13.8	0.3	18	1	US-08-872-446-6	Sequence 6, Appl	C 954	13.8	0.3	19	1	US-09-696-791-3750	Sequence 3750, Ap
C 882	13.8	0.3	18	1	US-08-872-446-10	Sequence 10, Appl	C 955	13.8	0.3	19	1	US-09-696-791-3751	Sequence 3751, Ap
C 883	13.8	0.3	18	1	US-09-197-008-31	Sequence 31, Appl	C 956	13.6	0.2	19	1	US-08-973-857-6	Sequence 6, Appl
C 884	13.8	0.3	18	1	US-09-255-893-41	Sequence 41, Appl	C 957	13.6	0.2	20	1	US-09-357-073-22	Sequence 22, Appl
C 885	13.8	0.3	18	1	US-09-344-520-43	Sequence 43, Appl	C 958	13.4	0.2	15	1	US-08-142-785-5	Sequence 5, Appl
C 886	13.8	0.3	18	1	US-09-339-993-32	Sequence 32, Appl	C 959	13.4	0.2	15	1	US-08-142-785-6	Sequence 6, Appl
C 887	13.8	0.3	18	1	US-09-344-579-41	Sequence 41, Appl	C 960	13.4	0.2	15	1	US-08-142-785-7	Sequence 7, Appl
C 888	13.8	0.3	18	1	US-09-280-409-78	Sequence 78, Appl	C 961	13.4	0.2	15	1	US-08-142-785-8	Sequence 8, Appl
C 889	13.8	0.3	18	1	US-08-937-063-11	Sequence 11, Appl	C 962	13.4	0.2	15	1	US-08-142-785-9	Sequence 9, Appl
C 890	13.8	0.3	18	1	US-09-038-073-2687	Sequence 2687, Ap	C 963	13.4	0.2	15	1	US-08-142-785-10	Sequence 10, Appl
C 891	13.8	0.3	18	1	US-09-280-270A-6	Sequence 6, Appl	C 964	13.4	0.2	15	1	US-08-142-785-11	Sequence 11, Appl
C 892	13.8	0.3	18	1	US-09-280-270A-10	Sequence 10, Appl	C 965	13.4	0.2	15	1	US-08-142-785-12	Sequence 12, Appl
C 893	13.8	0.3	18	1	US-08-584-040-8345	Sequence 8345, Ap	C 966	13.4	0.2	15	1	US-08-142-785-13	Sequence 13, Appl
C 894	13.8	0.3	18	1	US-08-584-040-8376	Sequence 8376, Ap	C 967	13.4	0.2	15	1	US-07-799-824-1	Sequence 1, Appl
C 895	13.8	0.3	18	1	US-09-723-535-41	Sequence 41, Appl	C 968	13.4	0.2	15	1	US-07-799-824-2	Sequence 2, Appl
C 896	13.8	0.3	18	1	US-09-387-341-90	Sequence 90, Appl	C 969	13.4	0.2	15	1	US-07-799-824-3	Sequence 3, Appl
C 897	13.8	0.3	18	1	US-09-387-341-170	Sequence 170, App	C 970	13.4	0.2	15	1	US-07-799-824-4	Sequence 4, Appl
C 898	13.8	0.3	18	1	US-09-000-286A-21	Sequence 21, Appl	C 971	13.4	0.2	15	1	US-07-799-824-5	Sequence 5, Appl
C 899	13.8	0.3	18	1	US-09-000-286A-22	Sequence 22, Appl	C 972	13.4	0.2	15	1	US-07-799-824-6	Sequence 6, Appl
C 900	13.8	0.3	18	1	US-09-432-978-4081	Sequence 4081, Ap	C 973	13.4	0.2	15	1	US-07-799-824-7	Sequence 7, Appl
C 901	13.8	0.3	18	1	US-09-432-978-5068	Sequence 5068, Ap	C 974	13.4	0.2	15	1	US-07-799-824-8	Sequence 8, Appl
C 902	13.8	0.3	18	1	US-09-432-978-6365	Sequence 6365, Ap	C 975	13.4	0.2	15	1	US-07-799-824-9	Sequence 9, Appl
C 903	13.8	0.3	18	1	US-09-432-978-11314	Sequence 11314, A	C 976	13.4	0.2	15	1	US-07-874-334-15	Sequence 15, Appl
C 904	13.8	0.3	18	1	US-09-432-978-11394	Sequence 11394, A	C 977	13.4	0.2	15	1	US-07-874-334-16	Sequence 16, Appl
C 905	13.8	0.3	18	1	US-09-371-772B-4001	Sequence 4001, Ap	C 978	13.4	0.2	15	1	US-07-874-334-17	Sequence 17, Appl
C 906	13.8	0.3	18	1	US-09-371-772B-4032	Sequence 4032, Ap	C 979	13.4	0.2	15	1	US-07-874-334-18	Sequence 18, Appl
C 907	13.8	0.3	18	1	US-09-679-298A-30	Sequence 30, Appl	C 980	13.4	0.2	15	1	US-07-976-103A-4	Sequence 4, Appl
C 908	13.8	0.3	18	1	US-09-738-444A-24	Sequence 24, Appl	C 981	13.4	0.2	15	1	US-07-976-103A-6	Sequence 6, Appl
C 909	13.8	0.3	18	1	US-09-032-438C-97	Sequence 97, Appl	C 982	13.4	0.2	15	1	US-07-976-103A-12	Sequence 12, Appl

691	14.2	0.3	20	1	US-09-732-199A-33	Sequence 33, Appl	764	14	0.3	17	1	US-08-462-040-7	Sequence 7, Appl1
692	14.2	0.3	20	1	US-09-702-246-48	Sequence 48, Appl	765	14	0.3	17	1	US-08-462-040-8	Sequence 8, Appl1
693	14.2	0.3	20	1	US-09-702-246-61	Sequence 61, Appl	766	14	0.3	17	1	US-08-462-040-9	Sequence 9, Appl1
694	14.2	0.3	20	1	US-09-851-520-88	Sequence 88, Appl	767	14	0.3	17	1	US-09-106-375-29	Sequence 29, Appl
695	14.2	0.3	20	1	US-09-851-896-86	Sequence 86, Appl	768	14	0.3	17	1	US-09-866-108A-6764	Sequence 6764, Ap
696	14.2	0.3	20	1	US-09-506-073-81	Sequence 81, Appl	769	14	0.3	17	1	US-09-866-108A-6768	Sequence 6768, Ap
697	14.2	0.3	20	1	US-09-657-452A-114	Sequence 114, App	770	14	0.3	18	1	US-08-101-435-6	Sequence 6, Appl1
698	14.2	0.3	20	1	US-09-792-594-35	Sequence 35, Appl	771	14	0.3	18	1	US-08-373-124A-2239	Sequence 2239, Ap
699	14.2	0.3	20	1	US-09-661-753-15	Sequence 15, Appl	772	14	0.3	18	1	US-08-435-628-2239	Sequence 2239, Ap
700	14.2	0.3	20	1	US-09-907-643-61	Sequence 61, Appl	773	14	0.3	18	1	US-08-882-046-97	Sequence 97, Appl
701	14.2	0.3	20	1	US-09-676-610B-142	Sequence 142, App	774	14	0.3	18	1	US-09-213-719-44	Sequence 44, Appl
702	14.2	0.3	20	1	US-09-791-211-56	Sequence 56, Appl	775	14	0.3	18	1	US-09-187-289-4	Sequence 4, Appl1
703	14.2	0.3	20	1	US-08-275-951-27	Sequence 27, Appl	776	14	0.3	18	1	US-09-566-047-97	Sequence 97, Appl1
704	14.2	0.3	20	1	US-08-275-951-28	Sequence 28, Appl	777	14	0.3	19	1	US-08-938-669A-12	Sequence 12, Appl1
705	14.2	0.3	20	1	US-08-275-951-29	Sequence 29, Appl	778	14	0.3	19	1	US-09-031-962D-10	Sequence 10, Appl
706	14.2	0.3	20	1	US-08-275-951-30	Sequence 30, Appl	779	14	0.3	19	1	US-09-306-828-22	Sequence 22, Appl
707	14.2	0.3	20	1	US-08-275-951-63	Sequence 63, Appl	780	14	0.3	19	1	US-09-696-791-3761	Sequence 3781, Ap
708	14.2	0.3	20	1	US-09-091-952A-58	Sequence 58, Appl	781	14	0.3	20	1	US-08-343-281A-9	Sequence 9, Appl1
709	14.2	0.3	20	1	US-09-360-416-9	Sequence 9, Appl1	782	14	0.3	20	1	US-08-313-185-13	Sequence 13, Appl
710	14.2	0.3	20	1	US-09-535-008-22	Sequence 22, Appl	783	14	0.3	20	1	US-08-238-821B-58	Sequence 58, Appl
711	14.2	0.3	20	1	US-09-844-525A-18	Sequence 18, Appl	784	14	0.3	20	1	US-09-082-614A-13	Sequence 13, Appl
712	14.2	0.3	20	1	US-09-844-525A-46	Sequence 46, Appl	785	14	0.3	20	1	US-09-418-641-82	Sequence 82, Appl
713	14.2	0.3	20	1	US-09-861-159-77	Sequence 77, Appl	786	14	0.3	20	1	US-09-021-701-556	Sequence 556, App
714	14.2	0.3	20	1	US-09-629-644A-120	Sequence 120, App	787	14	0.3	20	1	US-09-021-701-557	Sequence 557, App
715	14.2	0.3	20	1	US-09-629-644A-121	Sequence 121, App	788	14	0.3	20	1	US-09-428-583-57	Sequence 57, Appl
716	14.2	0.3	20	1	US-09-629-644A-121	Sequence 121, App	789	14	0.3	20	1	US-09-658-688A-88	Sequence 88, Appl
717	14.2	0.3	20	1	US-09-898-361-147	Sequence 147, App	790	14	0.3	20	1	US-09-198-452A-5228	Sequence 5228, Ap
718	14.2	0.3	20	1	US-09-238-710-31	Sequence 31, Appl	791	14	0.3	20	1	US-09-033-936-11	Sequence 11, Appl
719	14.2	0.3	20	1	US-09-422-978-4755	Sequence 4755, Ap	792	14	0.3	20	1	US-10-199-024-14	Sequence 14, Appl
720	14.2	0.3	20	1	US-09-422-978-7052	Sequence 7052, Ap	793	14	0.3	20	1	US-09-794-422-32	Sequence 32, Appl
721	14.2	0.3	20	1	US-09-230-552-96	Sequence 96, Appl	794	14	0.3	20	1	PCT-US95-05744-58	Sequence 58, Appl
722	14.2	0.3	20	1	US-09-265-503B-64	Sequence 64, Appl	795	13	0.3	17	1	US-08-469-177-7	Sequence 7, Appl1
723	14.2	0.3	20	1	US-09-705-267A-30	Sequence 30, Appl	796	13	0.3	17	1	US-08-373-124A-184	Sequence 184, Ap
724	14.2	0.3	20	1	US-08-857-636-64	Sequence 64, Appl	797	13	0.3	17	1	US-08-373-124A-2149	Sequence 2149, Ap
725	14.2	0.3	20	1	US-09-198-452A-1907	Sequence 1907, Ap	798	13	0.3	17	1	US-08-200-232-5	Sequence 5, Appl1
726	14.2	0.3	20	1	US-09-198-452A-4382	Sequence 4382, Ap	799	13	0.3	17	1	US-08-758-306-37	Sequence 37, Appl
727	14.2	0.3	20	1	US-09-198-452A-4475	Sequence 4475, Ap	800	13	0.3	17	1	US-08-758-306-87	Sequence 87, Appl
728	14.2	0.3	20	1	US-09-198-452A-4578	Sequence 4578, Ap	801	13	0.3	17	1	US-08-435-628-184	Sequence 184, App
729	14.2	0.3	20	1	US-09-198-452A-5536	Sequence 5536, Ap	802	13	0.3	17	1	US-08-435-628-2149	Sequence 2149, App
730	14.2	0.3	20	1	US-09-198-452A-6307	Sequence 6307, Ap	803	13	0.3	17	1	US-08-584-040-2056	Sequence 2056, Ap
731	14.2	0.3	20	1	US-09-198-452A-6456	Sequence 6456, Ap	804	13	0.3	17	1	US-08-584-040-2550	Sequence 2550, Ap
732	14.2	0.3	20	1	US-09-198-452A-6599	Sequence 6599, Ap	805	13	0.3	17	1	US-08-584-040-4054	Sequence 4024, Ap
733	14.2	0.3	20	1	US-09-808-358-7	Sequence 7, Appl1	806	13	0.3	17	1	US-08-584-040-7627	Sequence 7627, Ap
734	14.2	0.3	20	1	US-09-601-144-43	Sequence 43, Appl	807	13	0.3	17	1	US-08-584-040-7818	Sequence 7818, Ap
735	14.2	0.3	20	1	US-09-909-595-62	Sequence 62, Appl	808	13	0.3	17	1	US-08-584-040-7919	Sequence 7919, Ap
736	14.2	0.3	20	1	US-09-249-247-113	Sequence 113, App	809	13	0.3	17	1	US-08-584-040-7911	Sequence 7911, Ap
737	14.2	0.3	20	1	US-09-780-045-56	Sequence 56, Appl	810	13	0.3	17	1	US-08-584-040-8061	Sequence 8061, Ap
738	14.2	0.3	20	1	US-09-967-669-31	Sequence 31, Appl	811	13	0.3	17	1	US-08-579-645-884	Sequence 884, App
739	14.2	0.3	20	1	US-09-661-858-71	Sequence 71, Appl	812	13	0.3	17	1	US-08-679-645-885	Sequence 885, App
740	14.2	0.3	20	1	US-09-657-013-4	Sequence 4, Appl1	813	13	0.3	17	1	US-08-479-645A-33	Sequence 33, Appl
741	14.2	0.3	20	1	US-10-215-448-71	Sequence 71, Appl	814	13	0.3	17	1	US-09-300-958A-63	Sequence 63, Appl
742	14.2	0.3	20	1	US-08-983-605-300	Sequence 300, App	815	13	0.3	17	1	US-09-474-4328-365	Sequence 365, App
743	14.2	0.3	20	1	US-09-988-462-57	Sequence 57, Appl	816	13	0.3	17	1	US-09-474-4328-643	Sequence 643, App
744	14.2	0.3	20	1	US-09-635-251-32	Sequence 32, Appl	817	13	0.3	17	1	US-09-474-4328-643	Sequence 641, App
745	14.2	0.3	20	1	US-09-635-251-33	Sequence 33, Appl	818	13	0.3	17	1	US-09-371-7728-611	Sequence 1074, App
746	14.2	0.3	20	1	US-09-917-963-79	Sequence 79, Appl	819	13	0.3	17	1	US-09-371-7728-1074	Sequence 1791, Ap
747	14.2	0.3	20	1	US-09-899-440-7	Sequence 7, Appl1	820	13	0.3	17	1	US-09-371-7728-3419	Sequence 3419, Ap
748	14.2	0.3	20	1	PCT-US94-03856-8	Sequence 8, Appl1	821	13	0.3	17	1	US-09-371-7728-3602	Sequence 3602, Ap
749	14.2	0.3	20	1	5219727-29	Patent No. 5219727	822	13	0.3	17	1	US-09-371-7728-3603	Sequence 3603, Ap
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751	14	0.3	16	1	US-09-349-035-4	Sequence 4, Appl1	824	13	0.3	17	1	US-09-371-7728-3694	Sequence 3694, Ap
752	14	0.3	17	1	US-08-459-434-6	Sequence 6, Appl1	825	13	0.3	17	1	US-09-371-7728-3844	Sequence 3844, Ap
753	14	0.3	17	1	US-08-250-740-23	Sequence 23, Appl	826	13	0.3	17	1	US-09-371-7728-4566	Sequence 4566, Ap
754	14	0.3	17	1	US-07-695-472B-29	Sequence 29, Appl	827	13	0.3	17	1	US-09-371-7728-4566	Sequence 4566, Ap
755	14	0.3	17	1	US-08-460-990A-7	Sequence 7, Appl1	828	13	0.3	17	1	US-09-371-7728-5579	Sequence 5579, Ap
756	14	0.3	17	1	US-08-460-990A-8	Sequence 8, Appl1	829	13	0.3	17	1	US-09-371-7728-5580	Sequence 5580, Ap
757	14	0.3	17	1	US-08-460-890A-8	Sequence 8, Appl1	830	13	0.3	17	1	US-09-371-7728-6122	Sequence 6122, Ap
758	14	0.3	17	1	US-08-167-641C-7	Sequence 7, Appl1	831	13	0.3	17	1	US-09-371-7728-6657	Sequence 6657, Ap
759	14	0.3	17	1	US-08-167-641C-8	Sequence 8, Appl1	832	13	0.3	17	1	US-09-476-387-364	Sequence 364, App
760	14	0.3	17	1	US-08-167-641C-9	Sequence 9, Appl1	833	13	0.3	17	1	US-09-476-387-364	Sequence 667, App
761	14	0.3	17	1	US-08-460-971A-7	Sequence 7, Appl1	834	13	0.3	17	1	US-09-866-108A-667	Sequence 740, App
762	14	0.3	17	1	US-08-460-971A-8	Sequence 8, Appl1	835	13	0.3	17	1	US-09-866-108A-740	Sequence 834, App
763	14	0.3	17	1	US-08-460-971A-9	Sequence 9, Appl1	836	13	0.3	17	1	US-09-866-108A-834	Sequence 834, App

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C 546	14.2	0.3	19	1	US-09-477-902-24	Sequence 24, Appl	C 619	14.2	0.3	19	1	US-10-098-816-26	Sequence 26, Appl
C 547	14.2	0.3	19	1	US-09-477-902-25	Sequence 25, Appl	C 620	14.2	0.3	19	1	US-09-544-398B-336	Sequence 336, App
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C 555	14.2	0.3	19	1	US-09-477-902-33	Sequence 33, Appl	C 628	14.2	0.3	20	1	US-08-350-325A-8	Sequence 8, Appl1
C 556	14.2	0.3	19	1	US-09-477-902-34	Sequence 34, Appl	C 629	14.2	0.3	20	1	US-08-653-653A-8	Sequence 8, Appl1
C 557	14.2	0.3	19	1	US-09-477-902-35	Sequence 35, Appl	C 630	14.2	0.3	20	1	US-08-568-3731-1	Sequence 1, Appl1
C 558	14.2	0.3	19	1	US-09-477-902-36	Sequence 36, Appl	C 631	14.2	0.3	20	1	US-08-418-859-18	Sequence 18, Appl
C 559	14.2	0.3	19	1	US-09-477-902-37	Sequence 37, Appl	C 632	14.2	0.3	20	1	US-08-594-600-11	Sequence 11, Appl
C 560	14.2	0.3	19	1	US-09-477-902-38	Sequence 38, Appl	C 633	14.2	0.3	20	1	US-08-594-600-11	Sequence 11, Appl
C 561	14.2	0.3	19	1	US-09-477-902-39	Sequence 39, Appl	C 634	14.2	0.3	20	1	US-08-726-575A-5	Sequence 5, Appl1
C 562	14.2	0.3	19	1	US-09-477-902-40	Sequence 40, Appl	C 635	14.2	0.3	20	1	US-08-117-952-365	Sequence 365, App
C 563	14.2	0.3	19	1	US-09-477-902-41	Sequence 41, Appl	C 636	14.2	0.3	20	1	US-08-643-181-18	Sequence 18, Appl
C 564	14.2	0.3	19	1	US-09-477-902-42	Sequence 42, Appl	C 637	14.2	0.3	20	1	US-08-459-448A-57	Sequence 57, Appl
C 565	14.2	0.3	19	1	US-09-477-902-43	Sequence 43, Appl	C 638	14.2	0.3	20	1	US-08-910-629A-32	Sequence 32, Appl
C 566	14.2	0.3	19	1	US-09-477-902-44	Sequence 44, Appl	C 639	14.2	0.3	20	1	US-08-767-979-7	Sequence 7, Appl1
C 567	14.2	0.3	19	1	US-09-477-902-45	Sequence 45, Appl	C 640	14.2	0.3	20	1	US-08-837-201C-78	Sequence 78, Appl1
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C 569	14.2	0.3	19	1	US-09-477-902-47	Sequence 47, Appl	C 642	14.2	0.3	20	1	US-08-890-980-56	Sequence 56, Appl
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C 580	14.2	0.3	19	1	US-09-477-902-58	Sequence 58, Appl	C 653	14.2	0.3	20	1	US-09-032-894-56	Sequence 56, Appl
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C 584	14.2	0.3	19	1	US-09-477-902-62	Sequence 62, Appl	C 657	14.2	0.3	20	1	US-09-428-696-46	Sequence 46, Appl
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C 588	14.2	0.3	19	1	US-09-477-902-66	Sequence 66, Appl	C 661	14.2	0.3	20	1	US-08-766-528-71	Sequence 71, Appl
C 589	14.2	0.3	19	1	US-09-477-902-67	Sequence 67, Appl	C 662	14.2	0.3	20	1	US-08-352-902D-64	Sequence 64, Appl
C 590	14.2	0.3	19	1	US-09-477-902-68	Sequence 68, Appl	C 663	14.2	0.3	20	1	US-09-226-012-30	Sequence 30, Appl
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C 593	14.2	0.3	19	1	US-09-477-902-71	Sequence 71, Appl	C 666	14.2	0.3	20	1	US-09-224-681-33	Sequence 33, Appl
C 594	14.2	0.3	19	1	US-09-477-902-72	Sequence 72, Appl	C 667	14.2	0.3	20	1	US-09-224-681-33	Sequence 33, Appl
C 595	14.2	0.3	19	1	US-09-477-902-73	Sequence 73, Appl	C 668	14.2	0.3	20	1	US-08-336-728A-33	Sequence 33, Appl
C 596	14.2	0.3	19	1	US-09-477-902-74	Sequence 74, Appl	C 669	14.2	0.3	20	1	US-08-336-728A-33	Sequence 33, Appl
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C 598	14.2	0.3	19	1	US-09-477-902-76	Sequence 76, Appl	C 671	14.2	0.3	20	1	US-09-130-616-32	Sequence 32, Appl
C 599	14.2	0.3	19	1	US-09-477-902-77	Sequence 77, Appl	C 672	14.2	0.3	20	1	US-09-031-626-56	Sequence 56, Appl
C 600	14.2	0.3	19	1	US-09-477-902-78	Sequence 78, Appl	C 673	14.2	0.3	20	1	US-09-031-626-56	Sequence 56, Appl
C 601	14.2	0.3	19	1	US-09-477-902-79	Sequence 79, Appl	C 674	14.2	0.3	20	1	US-09-313-932-139	Sequence 139, App
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C 603	14.2	0.3	19	1	US-09-477-902-81	Sequence 81, Appl	C 676	14.2	0.3	20	1	US-09-007-005-31	Sequence 31, Appl
C 604	14.2	0.3	19	1	US-09-477-902-82	Sequence 82, Appl	C 677	14.2	0.3	20	1	US-09-377-309-84	Sequence 84, Appl
C 605	14.2	0.3	19	1	US-09-477-902-83	Sequence 83, Appl	C 678	14.2	0.3	20	1	US-09-487-368A-120	Sequence 120, App
C 606	14.2	0.3	19	1	US-09-477-902-84	Sequence 84, Appl	C 679	14.2	0.3	20	1	US-09-487-368A-121	Sequence 121, App
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C 608	14.2	0.3	19	1	US-09-477-902-86	Sequence 86, Appl	C 681	14.2	0.3	20	1	US-09-543-106-8	Sequence 8, Appl1
C 609	14.2	0.3	19	1	US-09-477-902-87	Sequence 87, Appl	C 682	14.2	0.3	20	1	US-09-543-106-8	Sequence 8, Appl1
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C 611	14.2	0.3	19	1	US-09-477-902-89	Sequence 89, Appl	C 684	14.2	0.3	20	1	US-08-803-346-47	Sequence 47, Appl
C 612	14.2	0.3	19	1	US-09-477-902-90	Sequence 90, Appl	C 685	14.2	0.3	20	1	US-09-484-617-159	Sequence 159, App
C 613	14.2	0.3	19	1	US-09-477-902-91	Sequence 91, Appl	C 686	14.2	0.3	20	1	US-08-890-865A-5	Sequence 5, Appl1
C 614	14.2	0.3	19	1	US-09-477-902-92	Sequence 92, Appl	C 687	14.2	0.3	20	1	US-09-364-416-78	Sequence 78, Appl
C 615	14.2	0.3	19	1	US-09-477-902-93	Sequence 93, Appl	C 688	14.2	0.3	20	1	US-09-364-416-95	Sequence 95, Appl
C 616	14.2	0.3	19	1	US-09-477-902-94	Sequence 94, Appl	C 689	14.2	0.3	20	1	US-09-326-186B-216	Sequence 216, App
C 617	14.2	0.3	19	1	US-09-477-902-95	Sequence 95, Appl	C 690	14.2	0.3	20	1	US-09-547-422-57	Sequence 57, Appl
												US-09-651-011A-23	Sequence 23, Appl
												US-09-702-251-55	Sequence 55, Appl

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401	14.8	0.3	20	1	US-09-532-868-17	Sequence 17, Appl	474	14.4	0.3	19	1	US-08-795-006A-8	Sequence 8, Appl1
402	14.8	0.3	20	1	US-09-903-603A-222	Sequence 222, App	475	14.4	0.3	19	1	US-08-293-779-1	Sequence 1, Appl1
403	14.8	0.3	21	1	US-08-927-219-21	Sequence 21, Appl	476	14.4	0.3	19	1	US-09-184-073-8	Sequence 8, Appl1
404	14.8	0.3	21	1	US-08-927-219-22	Sequence 22, Appl	477	14.4	0.3	19	1	US-09-506-286B-40	Sequence 40, Appl1
405	14.8	0.3	21	1	US-09-210-896-21	Sequence 21, Appl	478	14.4	0.3	19	1	US-09-422-978-11116	Sequence 11316, A
406	14.8	0.3	21	1	US-08-891-392A-30	Sequence 30, Appl	479	14.4	0.3	19	1	US-09-184-072-8	Sequence 8, Appl
407	14.8	0.3	21	1	US-09-422-978-106B0	Sequence 106B0, A	480	14.4	0.3	19	1	US-09-762-861B-40	Sequence 40, Appl
408	14.8	0.3	21	1	US-09-927-737C-30	Sequence 30, Appl	481	14.4	0.3	19	1	US-10-065-133A-40	Sequence 40, Appl
409	14.8	0.3	21	1	US-09-657-472-158	Sequence 158, App	482	14.4	0.3	19	1	US-09-696-791-2070	Sequence 2070, Ap
410	14.8	0.3	21	1	US-09-657-472-189	Sequence 189, App	483	14.4	0.3	19	1	PCT-US91-036B0-2	Sequence 2, Appl1
411	14.8	0.3	21	1	US-09-657-472-316	Sequence 316, App	484	14.4	0.3	20	1	US-08-220-373-3	Sequence 3, Appl1
412	14.8	0.3	21	1	US-09-657-472-622	Sequence 622, App	485	14.4	0.3	20	1	US-09-009-913-317	Sequence 317, App
413	14.8	0.3	21	1	US-09-657-472-1947	Sequence 1947, Ap	486	14.4	0.3	20	1	US-08-872-855-13	Sequence 13, Appl
414	14.8	0.3	21	1	US-09-657-472-2191	Sequence 2191, Ap	487	14.4	0.3	20	1	US-09-313-932-394	Sequence 394, App
415	14.8	0.3	21	1	US-09-657-472-2297	Sequence 2297, Ap	488	14.4	0.3	20	1	US-09-021-701-551	Sequence 551, App
416	14.8	0.3	21	1	US-09-492-361-6	Sequence 6, Appl1	489	14.4	0.3	20	1	US-09-021-701-552	Sequence 552, App
417	14.4	0.3	16	1	US-08-367-069-10	Sequence 10, Appl	490	14.4	0.3	20	1	US-09-021-701-553	Sequence 553, App
418	14.4	0.3	16	1	US-08-885-126-7	Sequence 7, Appl1	491	14.4	0.3	20	1	US-09-021-701-554	Sequence 554, App
419	14.4	0.3	16	1	US-08-885-126-8	Sequence 8, Appl1	492	14.4	0.3	20	1	US-09-657-452A-51	Sequence 55, App
420	14.4	0.3	16	1	US-08-941-445A-28	Sequence 28, Appl	493	14.4	0.3	20	1	US-09-651-753-56	Sequence 51, Appl
421	14.4	0.3	16	1	US-09-266-409-8	Sequence 8, Appl1	494	14.4	0.3	20	1	US-09-780-175-41	Sequence 56, Appl
422	14.4	0.3	16	1	US-09-411-862A-21	Sequence 21, Appl	495	14.4	0.3	20	1	US-09-658-679A-52	Sequence 52, Appl
423	14.4	0.3	16	1	US-09-411-862A-22	Sequence 22, Appl	496	14.4	0.3	20	1	US-09-658-679A-54	Sequence 54, Appl
424	14.4	0.3	16	1	US-09-678-620-8	Sequence 8, Appl1	497	14.4	0.3	20	1	US-09-517-467B-127	Sequence 127, App
425	14.4	0.3	17	1	US-08-885-126-4	Sequence 17, Appl	498	14.4	0.3	20	1	US-09-320-672-24	Sequence 24, Appl
426	14.4	0.3	17	1	US-08-885-126-17	Sequence 17, Appl	499	14.4	0.3	20	1	US-09-434-066-4	Sequence 4, Appl1
427	14.4	0.3	17	1	US-08-985-162-565	Sequence 565, App	500	14.4	0.3	20	1	US-09-920-668-49	Sequence 49, Appl
428	14.4	0.3	17	1	US-09-371-772B-6930	Sequence 6930, Ap	501	14.4	0.3	20	1	US-09-668-313A-247	Sequence 247, App
429	14.4	0.3	17	1	US-09-371-772B-6932	Sequence 6932, Ap	502	14.4	0.3	20	1	US-09-954-560-47	Sequence 47, Appl
430	14.4	0.3	17	1	US-09-401-063-565	Sequence 565, App	503	14.4	0.3	20	1	US-09-432-978-7609	Sequence 7609, Ap
431	14.4	0.3	17	1	US-09-866-108A-1892	Sequence 1892, Ap	504	14.4	0.3	20	1	US-09-198-452A-6012	Sequence 6012, Ap
432	14.4	0.3	17	1	US-09-866-108A-1893	Sequence 1893, Ap	505	14.4	0.3	20	1	US-10-215-448-53	Sequence 53, Appl
433	14.4	0.3	17	1	US-09-866-108A-1894	Sequence 1894, Ap	506	14.4	0.3	20	1	US-09-332-785-374	Sequence 374, App
434	14.4	0.3	17	1	US-09-866-108A-1895	Sequence 1895, Ap	507	14.4	0.3	20	1	US-09-513-597A-8	Sequence 8, Appl1
435	14.4	0.3	17	1	US-09-866-108A-6112	Sequence 6112, Ap	508	14.4	0.3	20	1	US-08-222-177A-82	Sequence 82, Appl
436	14.4	0.3	17	1	US-09-866-108A-6113	Sequence 6113, Ap	509	14.2	0.3	19	1	US-08-321-080-8	Sequence 8, Appl1
437	14.4	0.3	17	1	US-09-866-108A-6119	Sequence 6119, Ap	510	14.2	0.3	19	1	US-08-756-728A-1	Sequence 1, Appl1
438	14.4	0.3	17	1	US-09-866-108A-6200	Sequence 6200, Ap	511	14.2	0.3	19	1	US-08-470-426B-21	Sequence 21, Appl
439	14.4	0.3	17	1	US-09-866-108A-6257	Sequence 6257, Ap	512	14.2	0.3	19	1	US-08-469-852A-2	Sequence 2, Appl1
440	14.4	0.3	17	1	US-09-866-108A-6258	Sequence 6258, Ap	513	14.2	0.3	19	1	US-08-271-882B-16	Sequence 16, Appl
441	14.4	0.3	17	1	US-09-866-108A-7409	Sequence 7409, Ap	514	14.2	0.3	19	1	US-08-295-509E-2	Sequence 2, Appl1
442	14.4	0.3	17	1	US-09-866-108A-7410	Sequence 7410, Ap	515	14.2	0.3	19	1	US-09-234-237-1	Sequence 1, Appl1
443	14.4	0.3	17	1	US-09-866-108A-7797	Sequence 7797, Ap	516	14.2	0.3	19	1	US-09-016-520-20	Sequence 20, Appl
444	14.4	0.3	17	1	US-09-866-108A-7798	Sequence 7798, Ap	517	14.2	0.3	19	1	US-09-016-520-21	Sequence 21, Appl
445	14.4	0.3	17	1	US-09-866-108A-7798	Sequence 7798, Ap	518	14.2	0.3	19	1	US-09-016-520-22	Sequence 22, Appl
446	14.4	0.3	17	1	US-09-385-219A-86	Sequence 86, Appl	519	14.2	0.3	19	1	US-09-016-520-23	Sequence 23, Appl
447	14.4	0.3	18	1	US-07-976-103A-11	Sequence 11, Appl	520	14.2	0.3	19	1	US-09-016-520-24	Sequence 24, Appl
448	14.4	0.3	18	1	US-08-321-613-5	Sequence 5, Appl1	521	14.2	0.3	19	1	US-09-016-520-25	Sequence 25, Appl
449	14.4	0.3	18	1	US-08-311-486C-1148	Sequence 1148, Ap	522	14.2	0.3	19	1	US-09-016-520-26	Sequence 26, Appl
450	14.4	0.3	18	1	US-08-473-481-11	Sequence 11, Appl	523	14.2	0.3	19	1	US-09-016-520-27	Sequence 27, Appl
451	14.4	0.3	18	1	US-08-940-332-4	Sequence 4, Appl1	524	14.2	0.3	19	1	US-09-016-520-31	Sequence 31, Appl
452	14.4	0.3	18	1	US-08-940-332-5	Sequence 5, Appl1	525	14.2	0.3	19	1	US-09-016-520-33	Sequence 33, Appl
453	14.4	0.3	18	1	US-08-940-332-17	Sequence 17, Appl	526	14.2	0.3	19	1	US-09-016-520-34	Sequence 34, Appl
454	14.4	0.3	18	1	US-08-358-352-12	Sequence 12, Appl	527	14.2	0.3	19	1	US-09-016-520-44	Sequence 44, Appl
455	14.4	0.3	18	1	US-08-584-040-2983	Sequence 2983, Ap	528	14.2	0.3	19	1	US-09-130-973-20	Sequence 20, Appl
456	14.4	0.3	18	1	US-08-584-040-2983	Sequence 2983, Ap	529	14.2	0.3	19	1	US-09-130-973-21	Sequence 21, Appl
457	14.4	0.3	18	1	US-08-584-040-2983	Sequence 2983, Ap	530	14.2	0.3	19	1	US-09-130-973-22	Sequence 22, Appl
458	14.4	0.3	18	1	US-09-350-982C-2	Sequence 2, Appl1	531	14.2	0.3	19	1	US-09-130-973-23	Sequence 23, Appl
459	14.4	0.3	18	1	US-09-350-982C-2	Sequence 2, Appl1	532	14.2	0.3	19	1	US-09-130-973-24	Sequence 24, Appl
460	14.4	0.3	18	1	US-09-350-982C-2	Sequence 2, Appl1	533	14.2	0.3	19	1	US-09-130-973-25	Sequence 25, Appl
461	14.4	0.3	18	1	US-09-350-982C-2	Sequence 2, Appl1	534	14.2	0.3	19	1	US-09-130-973-26	Sequence 26, Appl
462	14.4	0.3	18	1	US-09-350-982C-2	Sequence 2, Appl1	535	14.2	0.3	19	1	US-09-130-973-27	Sequence 27, Appl
463	14.4	0.3	18	1	US-09-350-982C-2	Sequence 2, Appl1	536	14.2	0.3	19	1	US-09-130-973-28	Sequence 28, Appl
464	14.4	0.3	18	1	US-09-350-982C-2	Sequence 2, Appl1	537	14.2	0.3	19	1	US-09-130-973-29	Sequence 29, Appl
465	14.4	0.3	18	1	US-09-350-982C-2	Sequence 2, Appl1	538	14.2	0.3	19	1	US-09-130-973-30	Sequence 30, Appl
466	14.4	0.3	18	1	US-09-350-982C-2	Sequence 2, Appl1	539	14.2	0.3	19	1	US-09-130-973-31	Sequence 31, Appl
467	14.4	0.3	18	1	US-09-350-982C-2	Sequence 2, Appl1	540	14.2	0.3	19	1	US-09-130-973-32	Sequence 32, Appl
468	14.4	0.3	19	1	US-08-110-161A-9	Sequence 9, Appl1	541	14.2	0.3	19	1	US-09-130-973-33	Sequence 33, Appl
469	14.4	0.3	19	1	US-08-110-161A-10	Sequence 10, Appl	542	14.2	0.3	19	1	US-09-130-973-34	Sequence 34, Appl
470	14.4	0.3	19	1	PCT-US94-09350-9	Sequence 9, Appl1	543	14.2	0.3	19	1	US-09-477-902-20	Sequence 20, Appl
471	14.4	0.3	19	1	PCT-US94-09350-10	Sequence 10, Appl	544	14.2	0.3	19	1	US-09-477-902-21	Sequence 21, Appl
												US-09-477-902-22	Sequence 22, Appl

253	15.2	0.3	20	1	US-09-407-675-1	Sequence 1, Appli	326	15	0.3	21	1	US-09-657-472-964	Sequence 964, App
254	15.2	0.3	20	1	US-08-569-147-10	Sequence 10, Appli	327	15	0.3	21	1	PCT-US92-03462-34	Sequence 34, Appli
C 255	15.2	0.3	20	1	US-09-250-075-1	Sequence 1, Appli	328	15	0.3	21	1	PCT-US94-07902-11	Sequence 11, Appli
C 256	15.2	0.3	20	1	US-09-173-936B-14	Sequence 14, Appli	C 329	14.8	0.3	18	1	US-08-469-177-8	Sequence 8, Appli
257	15.2	0.3	20	1	US-09-454-704A-13	Sequence 13, Appli	C 330	14.8	0.3	18	1	US-08-373-124A-223	Sequence 223, Ap
258	15.2	0.3	20	1	US-09-488-856A-83	Sequence 83, Appli	C 331	14.8	0.3	18	1	US-08-758-306-953	Sequence 953, App
259	15.2	0.3	20	1	US-09-324-542-83	Sequence 83, Appli	C 332	14.8	0.3	18	1	US-08-578-709-4	Sequence 4, Appli
C 260	15.2	0.3	20	1	US-09-462-261-57	Sequence 37, Appli	C 333	14.8	0.3	18	1	US-08-435-628-2253	Sequence 2253, Ap
C 261	15.2	0.3	20	1	US-09-588-950A-5	Sequence 5, Appli	C 334	14.8	0.3	18	1	US-08-485-721-18	Sequence 18, Appli
C 262	15.2	0.3	20	1	US-09-851-520-80	Sequence 80, Appli	C 335	14.8	0.3	18	1	US-08-392-935-18	Sequence 18, Appli
C 263	15.2	0.3	20	1	US-09-056-285A-27	Sequence 27, Appli	C 336	14.8	0.3	18	1	US-09-212-771-36	Sequence 33, Appli
C 264	15.2	0.3	20	1	US-09-205-426-83	Sequence 83, Appli	C 337	14.8	0.3	18	1	US-08-863-639A-17	Sequence 17, Appli
C 265	15.2	0.3	20	1	US-09-506-073-126	Sequence 126, App	C 338	14.8	0.3	18	1	US-08-945-654-10	Sequence 10, Appli
266	15.2	0.3	20	1	US-09-619-103-26	Sequence 26, Appli	C 339	14.8	0.3	18	1	US-08-897-236-18	Sequence 18, Appli
C 267	15.2	0.3	20	1	US-09-331-930A-8	Sequence 8, Appli	C 340	14.8	0.3	18	1	US-09-177-359-15	Sequence 15, Appli
C 268	15.2	0.3	20	1	US-09-726-096A-1	Sequence 1, Appli	C 341	14.8	0.3	18	1	US-09-167-874-18	Sequence 18, Appli
269	15.2	0.3	20	1	US-09-603-830-55	Sequence 55, Appli	C 342	14.8	0.3	18	1	US-08-275-951-33	Sequence 33, Appli
C 270	15.2	0.3	20	1	US-09-976-978A-55	Sequence 55, Appli	C 343	14.8	0.3	18	1	US-09-500-253B-18	Sequence 18, Appli
271	15.2	0.3	20	1	US-09-198-452A-4302	Sequence 4302, Ap	C 344	14.8	0.3	18	1	US-09-422-978-5445	Sequence 5445, Ap
C 272	15.2	0.3	20	1	US-09-198-452A-5533	Sequence 5533, Ap	C 345	14.8	0.3	18	1	US-09-422-978-6099	Sequence 6099, Ap
C 273	15.2	0.3	20	1	US-09-344-260A-10	Sequence 10, Appli	C 346	14.8	0.3	18	1	PCT-US93-08326-18	Sequence 18, Appli
274	15.2	0.3	20	1	US-09-961-949A-55	Sequence 55, Appli	C 347	14.8	0.3	19	1	US-08-849-021-67	Sequence 67, Appli
275	15.2	0.3	20	1	US-09-966-491A-55	Sequence 55, Appli	C 348	14.8	0.3	19	1	US-09-360-416-136	Sequence 136, App
276	15.2	0.3	20	1	US-10-027-983-90	Sequence 90, Appli	C 349	14.8	0.3	19	1	US-09-907-794A-286	Sequence 286, App
277	15.2	0.3	20	1	US-09-957-313A-55	Sequence 35, Appli	C 350	14.8	0.3	19	1	US-09-905-125A-286	Sequence 286, App
C 278	15.2	0.3	20	1	US-09-980-052-217	Sequence 217, App	C 351	14.8	0.3	19	1	US-09-495-714C-90	Sequence 90, Appli
279	15.2	0.3	20	1	US-09-966-312-55	Sequence 55, Appli	C 352	14.8	0.3	19	1	US-09-902-775A-286	Sequence 286, App
280	15.2	0.3	20	1	US-09-975-062A-55	Sequence 55, Appli	C 353	14.8	0.3	19	1	US-09-906-700-286	Sequence 286, App
281	15.2	0.3	20	1	US-09-976-971A-55	Sequence 55, Appli	C 354	14.8	0.3	20	1	US-09-903-603A-286	Sequence 70, Appli
282	15.2	0.3	20	1	US-09-974-500A-55	Sequence 55, Appli	C 355	14.8	0.3	20	1	US-07-940-242A-70	Sequence 70, Appli
283	15.2	0.3	20	1	US-10-215-448-56	Sequence 66, Appli	C 356	14.8	0.3	20	1	US-07-940-242A-71	Sequence 71, Appli
C 284	15.2	0.3	20	1	US-10-215-448-59	Sequence 59, Appli	C 357	14.8	0.3	20	1	US-07-940-242A-72	Sequence 72, Appli
285	15.2	0.3	20	1	US-09-976-577-55	Sequence 55, Appli	C 358	14.8	0.3	20	1	US-07-940-242A-74	Sequence 74, Appli
286	15.2	0.3	20	1	US-09-973-788A-55	Sequence 55, Appli	C 359	14.8	0.3	20	1	US-08-126-593A-6	Sequence 6, Appli
287	15.2	0.3	20	1	US-09-976-617A-55	Sequence 55, Appli	C 360	14.8	0.3	20	1	US-08-454-039A-6	Sequence 6, Appli
288	15.2	0.3	20	1	US-09-967-409A-55	Sequence 55, Appli	C 361	14.8	0.3	20	1	US-09-258-371-17	Sequence 17, Appli
289	15.2	0.3	20	1	US-09-820-279D-55	Sequence 55, Appli	C 362	14.8	0.3	20	1	US-09-357-073-22	Sequence 22, Appli
290	15.2	0.3	20	1	US-09-820-279D-70	Sequence 70, Appli	C 363	14.8	0.3	20	1	US-09-357-070-38	Sequence 38, Appli
291	15.2	0.3	20	1	US-09-957-318A-55	Sequence 55, Appli	C 364	14.8	0.3	20	1	US-09-289-267-96	Sequence 96, Appli
292	15.2	0.3	20	1	US-09-760-500A-55	Sequence 55, Appli	C 365	14.8	0.3	20	1	US-08-746-111-51	Sequence 51, Appli
293	15.2	0.3	20	1	US-09-981-344-55	Sequence 55, Appli	C 366	14.8	0.3	20	1	US-09-166-186-79	Sequence 79, Appli
294	15.2	0.3	20	1	PCT-US93-07603-6	Sequence 6, Appli	C 367	14.8	0.3	20	1	US-08-751-230-17	Sequence 17, Appli
295	15.2	0.3	21	1	US-08-182-175A-17	Sequence 17, Appli	C 368	14.8	0.3	20	1	US-09-418-641-32	Sequence 32, Appli
296	15.2	0.3	21	1	US-08-474-633A-25	Sequence 25, Appli	C 369	14.8	0.3	20	1	US-09-499-082-17	Sequence 17, Appli
297	15.2	0.3	21	1	US-08-715-131-4	Sequence 4, Appli	C 370	14.8	0.3	20	1	US-09-444-053-74	Sequence 74, Appli
298	15.2	0.3	21	1	US-08-913-547-13	Sequence 13, Appli	C 371	14.8	0.3	20	1	US-09-428-219-82	Sequence 82, Appli
299	15.2	0.3	21	1	US-09-231-753-4	Sequence 4, Appli	C 372	14.8	0.3	20	1	US-09-488-671-163	Sequence 163, App
C 300	15.2	0.3	21	1	US-08-406-030A-16	Sequence 16, Appli	C 373	14.8	0.3	20	1	US-09-313-932-306	Sequence 79, Appli
C 301	15.2	0.3	21	1	US-08-823-771-25	Sequence 25, Appli	C 374	14.8	0.3	20	1	US-09-313-932-306	Sequence 306, App
C 302	15.2	0.3	21	1	US-09-422-978-10092	Sequence 9, Appli	C 375	14.8	0.3	20	1	US-09-522-217-15	Sequence 15, Appli
C 303	15.2	0.3	21	1	US-09-862-847-9	Sequence 9, Appli	C 376	14.8	0.3	20	1	US-09-522-217-15	Sequence 15, Appli
304	15.2	0.3	21	1	US-09-754-809-4	Sequence 4, Appli	C 377	14.8	0.3	20	1	US-09-496-694B-194	Sequence 194, App
305	15.2	0.3	21	1	PCT-US92-06412-17	Sequence 17, Appli	C 378	14.8	0.3	20	1	US-08-108-591B-4	Sequence 4, Appli
306	15	0.3	17	1	US-09-866-108A-6765	Sequence 6765, Ap	C 379	14.8	0.3	20	1	US-09-702-327-54	Sequence 54, Appli
307	15	0.3	17	1	US-09-866-108A-6766	Sequence 6766, Ap	C 380	14.8	0.3	20	1	US-09-792-594-60	Sequence 60, Appli
C 308	15	0.3	17	1	US-09-866-108A-6767	Sequence 6767, Ap	C 381	14.8	0.3	20	1	US-09-658-679A-53	Sequence 53, Appli
C 309	15	0.3	18	1	US-09-358-381-17	Sequence 17, Appli	C 382	14.8	0.3	20	1	US-09-428-236-9	Sequence 9, Appli
C 310	15	0.3	18	1	US-09-050-559C-25	Sequence 25, Appli	C 383	14.8	0.3	20	1	US-09-501-612A-26	Sequence 26, Appli
C 311	15	0.3	18	1	US-09-422-978-7301	Sequence 17, Appli	C 384	14.8	0.3	20	1	US-09-060-299-344	Sequence 344, App
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OM nucleic - nucleic search, using sw model

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Searched: 1415 segs, 26783 residues

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Listing first 1427 summaries

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75	17.8	0.3	24	1	US-09-487-130-3 Sequence 3, Appl1
76	17.8	0.3	24	1	US-09-487-130-5 Sequence 5, Appl1
77	17.8	0.3	24	1	US-09-487-130-6 Sequence 6, Appl1
78	17.6	0.3	24	1	US-08-974-022-28 Sequence 28, Appl1
79	17.6	0.3	24	1	US-08-795-445A-28 Sequence 28, Appl1
80	17.6	0.3	24	1	US-08-795-445A-28 Sequence 28, Appl1
81	17.6	0.3	24	1	US-08-574-186-28 Sequence 28, Appl1
82	17.6	0.3	24	1	US-08-795-446B-28 Sequence 28, Appl1
83	17.6	0.3	24	1	US-08-706-945D-21 Sequence 21, Appl1
84	17.6	0.3	24	1	US-08-577-788C-28 Sequence 28, Appl1
85	17.6	0.3	24	1	US-09-721-154A-1 Sequence 1, Appl1
86	17.6	0.3	24	1	US-09-721-154A-2 Sequence 2, Appl1
87	17.6	0.3	24	1	US-09-915-152-9 Sequence 9, Appl1
88	17.6	0.3	25	1	US-08-113-646A-42 Sequence 42, Appl1
89	17.6	0.3	25	1	US-09-398-193-103 Sequence 103, App
90	17.6	0.3	25	1	US-09-827-998-1152 Sequence 1152, Ap
91	17.6	0.3	25	1	US-09-827-998-1154 Sequence 1154, Ap
92	17.6	0.3	25	1	US-09-866-108A-4831 Sequence 4831, Ap
93	17.6	0.3	25	1	US-09-866-108A-4832 Sequence 4832, Ap
94	17.6	0.3	25	1	US-09-866-108A-12949 Sequence 12949, A
95	17.6	0.3	25	1	US-09-666-108A-12950 Sequence 12950, A
96	17.6	0.3	25	1	US-09-666-108A-13290 Sequence 13290, A
97	17.6	0.3	25	1	US-09-666-108A-13292 Sequence 13292, A
98	17.6	0.3	25	1	US-09-866-108A-13292 Sequence 13292, A
99	17.4	0.3	19	1	US-09-422-978-5847 Sequence 5847, Ap
100	17.4	0.3	20	1	US-08-004-552-1 Sequence 1, Appl1
101	17.4	0.3	20	1	US-08-223-355-23 Sequence 23, Appl1
102	17.4	0.3	20	1	US-08-863-639A-72 Sequence 72, Appl1
103	17.4	0.3	20	1	US-08-863-639A-93 Sequence 93, Appl1
104	17.4	0.3	20	1	US-09-470-443-38 Sequence 38, Appl1
105	17.4	0.3	23	1	US-08-817-384A-13 Sequence 13, Appl1
106	17.2	0.3	22	1	US-08-123-449A-19 Sequence 19, Appl1



```
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elshamian, Robert
/ APPLICANT: Tacon, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-118
/ CURRENT APPLICATION NUMBER: US/09/976,971A
/ CURRENT FILING DATE: 2001-10-12
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: random
/ US-09-976-971A-55

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAAA 5412
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 282
/ US-09-974-500A-55
/ Sequence 55, Application US/09974500A
/ Patent No. 6709825
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elshamian, Robert
/ APPLICANT: Tacon, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-117
/ CURRENT APPLICATION NUMBER: US/09/974,500A
/ CURRENT FILING DATE: 2002-04-01
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
```

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/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: random
/ US-09-974-500A-55

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAAA 5412
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 283
/ US-10-215-448-66
/ Sequence 66, Application US/10215448
/ Patent No. 6716975
/ GENERAL INFORMATION:
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
/ FILE REFERENCE: RTS-0179
/ CURRENT APPLICATION NUMBER: US/10/215,448
/ CURRENT FILING DATE: 2002-08-09
/ NUMBER OF SEQ ID NOS: 105
/ SEQ ID NO 66
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
/ US-10-215-448-66

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2217 ACCCCAGCTCGATTAACCTT 2236
DB 1 ACCCCAGCTCGATTAACCTT 20
```

```
RESULT 284
/ US-10-215-448-99/c
/ Sequence 99, Application US/10215448
/ Patent No. 6716975
/ GENERAL INFORMATION:
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
/ FILE REFERENCE: RTS-0179
/ CURRENT APPLICATION NUMBER: US/10/215,448
/ CURRENT FILING DATE: 2002-08-09
/ NUMBER OF SEQ ID NOS: 105
/ SEQ ID NO 99
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: H. sapiens
/ FEATURE:
/ US-10-215-448-99

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2217 ACCCCAGCTCGATTAACCTT 2236
DB 20 ACCCCAGCTCGATTAACCTT 1
```



```
Sequence 55, Application US/0967409A
Patent No. 6740491
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-713-16
CURRENT APPLICATION NUMBER: US/09/967,409A
PRIOR FILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-967-409A-55

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      5393 AAAAAATACAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 289
US-09-820-279D-55
Sequence 55, Application US/09820279D
Patent No. 6750016
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
APPLICANT: Garimella, Viswanadham
APPLICANT: Li, Zhi
APPLICANT: Park, So-Jung
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-1085-A
CURRENT APPLICATION NUMBER: US/09/820,279D
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
```

```
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
PRIOR APPLICATION NUMBER: 60/213,906
PRIOR FILING DATE: 2000-06-26
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 76
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-820-279D-55

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      5393 AAAAAATACAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 290
US-09-820-279D-70
Sequence 70, Application US/09820279D
Patent No. 6750016
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
APPLICANT: Garimella, Viswanadham
APPLICANT: Li, Zhi
APPLICANT: Park, So-Jung
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
FILE REFERENCE: 00-1085-A
CURRENT APPLICATION NUMBER: US/09/820,279D
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
PRIOR APPLICATION NUMBER: 60/213,906
PRIOR FILING DATE: 2000-06-26
Remaining Prior Application data removed - See File Wrapper or PALM.
```

```
/ NUMBER OF SEQ ID NOS: 76
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 70
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-820-279D-70
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

## RESULT 291

```
US-09-957-318A-55
/ Sequence 55, Application US/09957318A
/ Patent No. 6759199
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Bighanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-12
/ CURRENT APPLICATION NUMBER: US/09/957,318A
/ PRIOR FILING DATE: 2002-03-05
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-957-318A-55
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

## RESULT 292

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US-09-760-500A-55
/ Sequence 55, Application US/09760500A
/ Patent No. 6767702
/ GENERAL INFORMATION:
```

```
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Bighanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-715-A
/ CURRENT APPLICATION NUMBER: US/09/760,500A
/ PRIOR FILING DATE: 2002-03-05
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-760-500A-55
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

## RESULT 293

```
US-09-981-344-55
/ Sequence 55, Application US/09981344
/ Patent No. 6777186
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Bighanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-122
/ CURRENT APPLICATION NUMBER: US/09/981,344
/ PRIOR FILING DATE: 2002-03-05
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
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SEQ ID NO 55  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-381-344-55

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAAAGAAA 5412  
Db 1 AAAAAAAAAAAGAAA 20

RESULT 294  
PCT-US93-07603-6  
Sequence 6, Application PC/TUS9307603  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: NUCLEIC ACID RECOGNITION AND TRANSPORT  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Wolf, Greenfield & Sacks, P.C.  
STREET: 600 Atlantic Avenue  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: United States of America  
ZIP: 02210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/07603  
FILING DATE: 19930813  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/930,087  
FILING DATE: 14-AUG-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Gates, Edward R.  
REGISTRATION NUMBER: 31,616  
REFERENCE/DOCKET NUMBER: M0636/7007W0  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-720-3500  
TELEFAX: 617-720-2441  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other nucleic acid  
DESCRIPTION: Synthetic RNA oligonucleotide.  
HYPOTHEtical: NO  
ANTI-SENSE: NO  
PCT-US93-07603-6

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 3.8e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAAAGAAA 5412  
Db 1 AAAAAAAAAAAGAAA 20

RESULT 295

US-08-182-175A-17  
Sequence 17, Application US/08182175A  
Patent No. 5559223  
GENERAL INFORMATION:  
APPLICANT: Saverio Carl Palco  
APPLICANT: Sharon J. Keeler  
APPLICANT: Janet A. Rice  
TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing P  
NUMBER OF SEQUENCES: 113  
CORRESPONDENCE ADDRESS:  
ADDRESSER: E.I. du Pont de Nemours and Company  
STREET: 1007 Market Street  
CITY: Wilmington  
STATE: Delaware  
COUNTRY: USA  
ZIP: 19898  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: Macintosh  
OPERATING SYSTEM: Macintosh System, 6.0  
SOFTWARE: Microsoft Word, 4.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/182,175A  
FILING DATE:  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/743,006  
FILING DATE: 9 August 1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Linda Axamethy Floyd  
REGISTRATION NUMBER: 33,692  
REFERENCE/DOCKET NUMBER: BB-1031  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (302) 992-4929  
TELEFAX: (302) 892-7949  
TELEX: 835420  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 1..21  
OTHER INFORMATION: /product= "synthetic oligonucleotide"  
OTHER INFORMATION: /standard\_name= "SM 82"  
US-08-182-175A-17

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 4e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 570 GAAGAGAGAGAGCTGAAG 589  
Db 1 GATGAGAGAGAGCTGAAG 20

RESULT 296  
US-08-474-633A-25  
Sequence 25, Application US/08474633A  
Patent No. 5773691  
GENERAL INFORMATION:  
APPLICANT: E. I. DU PONT DE NEMOURS AND  
APPLICANT: COMPANY  
TITLE OF INVENTION: CHIMERIC GENES AND  
TITLE OF INVENTION: METHODS FOR INCREASING  
TITLE OF INVENTION: INCREASING THE LYSINE  
TITLE OF INVENTION: AND THREONINE CONTENT  
TITLE OF INVENTION: OF THE SEEDS OF PLANTS  
NUMBER OF SEQUENCES: 107  
CORRESPONDENCE ADDRESS:

```

; ADDRESSEE: E. I. DU PONT DE NEMOURS
; ADDRESSEE: AND COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MICROSOFT WORD VERSION 2.0C
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,633A
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: BARBARA C. STEGEL
; REGISTRATION NUMBER: 30,684
; REFERENCE/DOCKET NUMBER: BB-1037-C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-992-4931
; TELEFAX: 302-773-0164
; TELEX: 935420
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..21
; OTHER INFORMATION: /product="synthetic
; OTHER INFORMATION: /oligonucleotide"
; OTHER INFORMATION: /standard_name="SM
; OTHER INFORMATION: 82"
; US-08-474-633A-25

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      570 GAAGAAGAGAGCTGAAG 589
      |||||
Db      1 GATGAGAGAGAGCTGAAG 20

RESULT 297
; US-08-715-131-4
; Sequence 4, Application US/08715131
; Patent No. 5854416
; GENERAL INFORMATION:
; APPLICANT: Sampson, Jacquelyn S.
; APPLICANT: Russell, Harold
; APPLICANT: Tharpe, Jean A.
; APPLICANT: Ades, Edwin W.
; APPLICANT: Carlone, George M.
; TITLE OF INVENTION: STREPTOCOCCUS PNEUMONIAE 37-kDa SURFACE
; TITLE OF INVENTION: ADHESION A PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Needle & Rosenberg, P. C.
; STREET: 127 Peachtree Street, Suite 1200
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303-1811
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
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```

; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/715,131
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sprate, Gwendolyn D.
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 14114.0200
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (404) 688-0770
; TELEFAX: (404) 688-9880
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-715-131-4

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1463 TCAGAGCTTATTGGCCCA 1482
      |||||
Db      1 TCAGAGCTTATTGGCCA 20

RESULT 298
; US-08-913-547-13
; Sequence 13, Application US/08913547A
; Patent No. 6027891
; GENERAL INFORMATION:
; APPLICANT: VON KNEBEL-DOBERITZ, Magnus
; APPLICANT: Wörner, Stefano
; APPLICANT: EMERICH, Florian
; TITLE OF INVENTION: A METHOD OF EARLY DETECTION OF
; TITLE OF INVENTION: HPV-ASSOCIATED CARCINOMAS AND EXTREME DYSPLASIAS
; TITLE OF INVENTION: CAUSED BY HPV
; FILE REFERENCE: 035280028999
; CURRENT APPLICATION NUMBER: US/08/913,547A
; CURRENT FILING DATE: 1998-01-28
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-08-913-547-13

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1907 CTCTCGAAGACCTCCTTCT 1926
      |||||
Db      1 CTCTCGAAGACATCCTCCT 20

RESULT 299
; US-09-221-753-4
; Sequence 4, Application US/09221753
; Patent No. 6217884
; GENERAL INFORMATION:
; APPLICANT: SAMPSON, JACQUELYN S.
; APPLICANT: RUSSELL, HAROLD
; APPLICANT: THARPE, JEAN A.
; APPLICANT: ADES, EDWIN W.
; APPLICANT: CARLONE, GEORGE M.
; TITLE OF INVENTION: STREPTOCOCCUS PNEUMONIAE 37 kDa SURFACE
; TITLE OF INVENTION: ADHESIN A PROTEIN
```

FILE REFERENCE: 64778 US  
CURRENT APPLICATION NUMBER: US/09/221,753  
CURRENT FILING DATE: 1998-12-28  
EARLIER APPLICATION NUMBER: US 07/791,377  
EARLIER FILING DATE: 1991-09-17  
EARLIER APPLICATION NUMBER: US 07/816,286  
EARLIER FILING DATE: 1992-01-03  
EARLIER APPLICATION NUMBER: US 08/222,179  
EARLIER FILING DATE: 1994-04-04  
EARLIER APPLICATION NUMBER: US 08/715,131  
EARLIER FILING DATE: 1996-09-17  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO: 4  
LENGTH: 21  
TYPE: DNA  
ORGANISM: UNKNOWN  
FEATURE:  
OTHER INFORMATION: PRIMER  
US-09-221-753-4

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 4e+02; 3; Indels 0; Gaps 0;  
Matches 17; Conservative 0; Mismatches 3;

OY 1463 TCAGAGCTATTGGCCCA 1482  
DB 1 TCAGAGCTATTGGCCCA 20

RESULT 300  
US-08-406-030A-16/c  
Sequence 16, Application US/08406030A  
Patent No. 6270989  
GENERAL INFORMATION:  
APPLICANT: Treco, Douglas A.  
APPLICANT: Heartlein, Michael W.  
APPLICANT: Hauge, Brian M.  
APPLICANT: Selden, Richard P.  
TITLE OF INVENTION: Protein Production and Delivery  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
STREET: Two Miltia Drive  
CITY: Lexington  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02173  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/406,030A  
FILING DATE: 17-MAR-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/243,391  
FILING DATE: 13-MAY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/985,586  
FILING DATE: 03-DEC-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/911,533  
FILING DATE: 10-JUL-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/787,840  
FILING DATE: 05-NOV-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/789,188  
FILING DATE: 05-NOV-1991  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US93/11704  
FILING DATE: 02-DEC-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US92/09627  
FILING DATE: 05-NOV-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Granahan, Patricia  
REGISTRATION NUMBER: 32,227  
REFERENCE/DOCKET NUMBER: TKT95-01  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 861-6240  
TELEFAX: (617) 861-9540  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-406-030A-16

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 4e+02; 3; Indels 0; Gaps 0;  
Matches 17; Conservative 0; Mismatches 3;

OY 4206 CATTCCGTCACCTCTGTGG 4225  
DB 20 CATTCTGTCTCTGTGAGG 1

RESULT 301  
US-08-823-771-25  
Sequence 25, Application US/08823771  
Patent No. 6453019  
GENERAL INFORMATION:  
APPLICANT: E. I. DU PONT DE NEMOURS AND COMPANY  
TITLE OF INVENTION: CHIMERIC GENES AND METHODS FOR INCREASING INCREASING THE LYSINE AND THREONINE CONTENT  
NUMBER OF SEQUENCES: 107  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: E. I. DU PONT DE NEMOURS AND COMPANY  
STREET: 1007 MARKET STREET  
CITY: WILMINGTON  
STATE: DELAWARE  
COUNTRY: U.S.A.  
ZIP: 19898  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: MICROSOFT WORD VERSION 2.0C  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/823,771  
FILING DATE: 24-MAR-1997  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/474,633  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: BARBARA C. SIEGEL  
REGISTRATION NUMBER: 30,684  
REFERENCE/DOCKET NUMBER: BB-1037-C  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 302-992-4931  
TELEFAX: 302-773-0164  
TELEX: 835420  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs

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;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
;   NAME/KEY: misc_feature
;   LOCATION: 1..21
;   OTHER INFORMATION: /product= "synthetic
;   oligonucleotide"
;   /standard_name= "SM
;   82"
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-08-823-771-25

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      570 GAAAGAGAGAGAGCTGAGG 589
Db      1 GATGAGAGAGAGCTGAGG 20

RESULT 302
US-09-422-978-10092/c
; Sequence 10092, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10092
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-9424 for SEQ 2227, in compleme
US-09-422-978-10092

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2481 GGAAGAGCGCTAGAGCAT 2500
Db      20 GGAAGAGCGCTAGAGCAT 1

RESULT 303
US-09-862-847-9/c
; Sequence 9, Application US/09862847
; Patent No. 6593111
; GENERAL INFORMATION:
; APPLICANT: Batic, Ralph S.
; APPLICANT: Boyd, Yount
; TITLE OF INVENTION: DIRECTION ASSEMBLY OF LARGE VIRAL GENOMES AND CHROMOSOMES
; FILE REFERENCE: 5470.270
; CURRENT APPLICATION NUMBER: US/09/862,847
; CURRENT FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: US 60/206,537
```

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;
; PRIOR FILING DATE: 2000-05-21
; PRIOR APPLICATION NUMBER: US 60/285,320
; PRIOR FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer.
US-09-862-847-9

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2771 AGCTCTAGTGTGCACTTC 2790
Db      20 AGCTCTAGTGTGCACTTC 1

RESULT 304
US-09-754-809-4
; Sequence 4, Application US/09754809
; Patent No. 6773880
; GENERAL INFORMATION:
; APPLICANT: SAMPSON, JACQUELYN S.
; APPLICANT: RUSSELL, HAROLD
; APPLICANT: THARPE, JEAN A.
; APPLICANT: ADES, EDWIN W.
; APPLICANT: CARLONE, GEORGE M.
; TITLE OF INVENTION: STREPTOCOCCUS PNEUMONIAE 37 kDa SURFACE
; FILE REFERENCE: 64778 US
; CURRENT APPLICATION NUMBER: US/09/754,809
; CURRENT FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: US/09/221,753
; PRIOR FILING DATE: 1998-12-28
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 07/791,377
; PRIOR FILING DATE: EARLIER FILING DATE: 1991-09-17
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 07/816,286
; PRIOR FILING DATE: EARLIER FILING DATE: 1992-01-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 08/222,179
; PRIOR FILING DATE: EARLIER FILING DATE: 1994-04-04
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 08/715,131
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: UNKNOWN
; FEATURE:
; OTHER INFORMATION: PRIMER
US-09-754-809-4

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1463 TCAGAGCTTATTGGCCCA 1482
Db      1 TCAGAGCTTATTGGCCAA 20

RESULT 305
PCT-US92-06412-17
; Sequence 17, Application PC/TUS9206412
; GENERAL INFORMATION:
; APPLICANT: Saverio Carl Falco
; APPLICANT: Sharon J. Keeler
; APPLICANT: Janet A. Rice
```



```

; TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing F
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSER: E. I. du Pont de Nemours and Company
; STREET: 1007 Market Street
; CITY: Wilmington
; STATE: Delaware
; COUNTRY: USA
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: Macintosh System, 6.0
; SOFTWARE: Microsoft Word, 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/06412
; FILING DATE: 19920807
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/743,006
; FILING DATE: 9 August 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Linda Axamechy Floyd
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (302) 992-4829
; TELEFAX: (302) 892-7949
; TELEX: 835420
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..21
; OTHER INFORMATION: /product= "synthetic oligonucleotide"
; OTHER INFORMATION: /standard_name= "SM 82"
; PCT-US92-06412-17

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 570 GAAGAGGAGGAGCTGAAG 589
Db 1 GATGAGGAGGAGCTGAAG 20

RESULT 306
US-09-866-108A-6765
; Sequence 6765, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
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; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO: 6765
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-6765

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3034 CTCCTGAGACCTG 3048
Db 3 CTCCTGAGACCTG 17

RESULT 307
US-09-866-108A-6766
; Sequence 6766, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
```

; Patent No. 6686188  
; SEQ ID NO 6766  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-6766

Query Match 0.3%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGGAGACCTG 3048  
|||  
Db 2 CTCCTGGAGACCTG 16

RESULT 308  
US-09-866-108A-6767  
; Sequence 6767, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: A60MCA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: A60MCA Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 6767  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-6767

Query Match 0.3%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGGAGACCTG 3048  
|||  
Db 1 CTCCTGGAGACCTG 15

RESULT 309  
US-09-358-381-17/c

; Sequence 17, Application US/09358381  
; Patent No. 6020199  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION  
; FILE REFERENCE: RTS-0079  
; CURRENT APPLICATION NUMBER: US/09/358,381  
; CURRENT FILING DATE: 1999-07-21  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 17  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-358-381-17

Query Match 0.3%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2240 CTCGTGCTGCTGAG 2254  
|||  
Db 18 CTCGTGCTGCTGAG 4

RESULT 310  
US-09-050-559C-25  
; Sequence 25, Application US/09050559C  
; Patent No. 6096502  
; GENERAL INFORMATION:  
; APPLICANT: Sam S-K Lee  
; TITLE OF INVENTION: NOVEL SUBSTRATE FOR DETECTING UL9  
; TITLE OF INVENTION: HELICASE ACTIVITY  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: David J. Wertz, Wilson Sonsini Goodrich  
; ADDRESSER: & Rosati  
; STREET: 650 Page Mill Road  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94304-1050  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch diskette  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: Microsoft Windows 95/DOS 5.0  
; SOFTWARE: Wordperfect for windows 6.0,  
; SOFTWARE: ASCII (DOS) TEXT format  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/050,559C  
; FILING DATE:  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: David J. Wertz  
; REGISTRATION NUMBER: 38,362  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (650) 493-9300  
; TELEFAX: (650) 493-6811  
; INFORMATION FOR SEQ ID NO: 25:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
US-09-050-559C-25

Query Match 0.3%; Score 15; DB 1; Length 18;

Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAG 1195  
|||||  
Db 1 GAGAAAGAGAGAG 15

## RESULT 311

US-09-577-902-17/c  
; Sequence 17, Application US/09577902  
; Patent No. 6284538  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; APPLICANT: Robert McKay  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION  
; FILE REFERENCE: ISPH-0463  
; CURRENT APPLICATION NUMBER: US/09/577,902  
; CURRENT FILING DATE: 2000-05-24  
; PRIOR APPLICATION NUMBER: US 09/358,381  
; PRIOR FILING DATE: 1999-07-21  
; PRIOR APPLICATION NUMBER: PCT/US99/29594,  
; PRIOR FILING DATE: 1999-12-14  
; NUMBER OF SEQ ID NOS: 51  
; SEQ ID NO 17  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURES:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-577-902-17

Query Match 0.3%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2240 CTCTGCTGCTGAG 2254  
|||||  
Db 18 CTCTGCTGCTGAG 4

## RESULT 312

US-09-422-978-7301/c  
; Sequence 7301, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 7301  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURES:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..19  
; OTHER INFORMATION: upstream amplification primer 99-3542 for SEQ 3367,  
US-09-422-978-7301

Query Match 0.3%; Score 15; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 4e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1329 GAAATAGAGATT 1343  
|||||  
Db 15 GAAATAGAGATT 1

## RESULT 313

US-08-256-426B-272/c  
; Sequence 272, Application US/08256426B  
; Patent No. 5948611  
; GENERAL INFORMATION:  
; APPLICANT: Prockop, Darwin J.  
; APPLICANT: Ala-Kotko, Leena  
; APPLICANT: Williams, Charlene J.  
; APPLICANT: Rivailemi, Pertti  
; APPLICANT: Baldwin, Clinton  
; APPLICANT: Hopkinson, Ian  
; APPLICANT: Ahmad, Nilofar Nina  
; TITLE OF INVENTION: Methods of Detecting A Genetic  
; NUMBER OF SEQUENCES: 293  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611iris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows 3.1  
SOFTWARE: WORDPERFECT 6.1

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/256,426B  
FILING DATE: 03-FEB-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/10964  
FILING DATE: 12-NOV-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/977,284  
FILING DATE: 13-NOV-1992

ATTORNEY/AGENT INFORMATION:  
NAME: Mark Deluca  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TUD-1082

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 272:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: NUCLEIC ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR

US-08-256-426B-272

Query Match 0.3%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.2e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1294 TCTGTAGAGAGGC 1308  
|||||  
Db 15 TCTGTAGAGAGGC 1

## RESULT 314

US-09-159-871-7  
; Sequence 7, Application US/09159871A  
; Patent No. 6420136  
; GENERAL INFORMATION:  
; APPLICANT: RABOWOL, Karl T.

```

; TITLE OF INVENTION: METHOD OF MODULATING P53 ACTIVITY
; FILE REFERENCE: 028722-181
; CURRENT APPLICATION NUMBER: US/09/159,871A
; CURRENT FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: US 60/060,138
; PRIOR FILING DATE: 1997-09-26
; PRIOR APPLICATION NUMBER: US 09/006,783
; PRIOR FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
; US-09-159-871-7

Query Match          0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3292 CTGAGAGAGCTAGAC 3306
Db      1 CTGAGAGAGCTAGAC 15

RESULT 315
; US-09-780-175-50
; Sequence 50, Application US/09780175
; Patent No. 6440738
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION
; FILE REFERENCE: RTS-0164
; CURRENT APPLICATION NUMBER: US/09/780,175
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-780-175-50

Query Match          0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3461 AGCTGCTCATCTTCA 3475
Db      2 AGCTGCTCATCTTCA 16

RESULT 316
; US-08-705-477E-118/C
; Sequence 118, Application US/08705477E
; Patent No. 6569432
; GENERAL INFORMATION:
; APPLICANT: Israeli, Ron S
; APPLICANT: Heston, Warren D.W.
; APPLICANT: Fair, William R.
; APPLICANT: Overfell, Ouathek
; APPLICANT: Pinto, John
; TITLE OF INVENTION: PROSTATE-SPECIFIC MEMBRANE ANTIGEN AND USES THEREOF
; FILE REFERENCE: 1769/41426-G
; CURRENT APPLICATION NUMBER: US/08/705,477E
; CURRENT FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 118
; LENGTH: 20
```

```

; TYPE: DNA
; ORGANISM: Homo sapiens
; US-08-705-477E-118

Query Match          0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2619 CCTGATGCACTGGGT 2633
Db      16 CCTGATGCACTGGGT 2

RESULT 317
; US-08-049-783-13
; Sequence 13, Application US/08049783
; Patent No. 5439881
; GENERAL INFORMATION:
; APPLICANT: Narva, Kenneth E
; APPLICANT: Schwab, George E
; APPLICANT: Payne, Jewel M
; TITLE OF INVENTION: Gene Encoding No. 5439881e1 Nemalode-Active
; TITLE OF INVENTION: Toxins Cloned from Bacillus thuringiensis Isolates
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jeff Lloyd
; STREET: 2421 N.W. 41st Street
; CITY: Gainesville
; STATE: FL
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/049,783
; FILING DATE: 19930419
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lloyd, Jeff
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 904-375-8100
; TELEFAX: 904-372-5800
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; US-08-049-783-13

Query Match          0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 4.4e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      5271 AAGGAAGTTTATCAGAAAT 5291
Db      1 AATGAGTWTATCTCGTAAAT 21

RESULT 318
; US-08-158-232-27
; Sequence 27, Application US/08158232
; Patent No. 5596071
; GENERAL INFORMATION:
; APPLICANT: Payne, Jewel
; APPLICANT: Kennedy, M. Keith
; APPLICANT: Randall, John Brooke
; APPLICANT: Meier, Henry
; APPLICANT: Vick, Heidi Jane
```

```

: APPLICANT: Foncerrada, Luis
: APPLICANT: Schnepf, H. Ernest
: APPLICANT: Schwab, George E.
: APPLICANT: Fu, Jenny
: TITLE OF INVENTION: No. 5596071e1 Bacillus thuringiensis Toxins Active
: TITLE OF INVENTION: Against Hymenopteran Pests
: NUMBER OF SEQUENCES: 51
: CORRESPONDENCE ADDRESS:
: ADDRESS: David R. Saliwanchik
: STREET: 2421 N.W. 41st Street, Suite A-1
: CITY: Gainesville
: STATE: FL
: COUNTRY: USA
: ZIP: 32606
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/158,232
: FILING DATE:
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/887,980
: FILING DATE: 22-MAY-1992
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/797,645
: FILING DATE: 25-NOV-1991
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/703,977
: FILING DATE: 22-MAY-1991
: ATTORNEY/AGENT INFORMATION:
: NAME: Saliwanchik, David R.
: REGISTRATION NUMBER: 31,794
: REFERENCE/DOCKET NUMBER: M/SCJ104.C1
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 904-375-8100
: TELEFAX: 904-372-5800
: INFORMATION FOR SEQ ID NO: 27:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 21 bases
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (synthetic)
: US-08-158-232-27

Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 4.4e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 5271 AAGGAGTTTATTCAGAAAT 5291
Db 1 AATGAGTWTATCCGWTMAAT 21

RESULT 319
US-08-304-626-27
: Sequence 27, Application US/08304626
: Patent No. 5616495
: GENERAL INFORMATION:
: APPLICANT: Payne, Jewel M.
: APPLICANT: Kennedy, M. Keith
: APPLICANT: Randall, John Brooks
: APPLICANT: Meier, Henry
: APPLICANT: Uick, Heidi Jane
: APPLICANT: Foncerrada, Luis
: APPLICANT: Schnepf, Harry E.
: APPLICANT: Schwab, George E.
: TITLE OF INVENTION: No. 5616495e1 Bacillus thuringiensis Isolates
: TITLE OF INVENTION: Active Against Hymenopteran Pests and Genes Encoding
: TITLE OF INVENTION: Hymenopteran-Active Toxins
```

```

: NUMBER OF SEQUENCES: 39
: CORRESPONDENCE ADDRESS:
: ADDRESS: David R. Saliwanchik
: STREET: 2421 N.W. 41st Street, Suite A-1
: CITY: Gainesville
: STATE: FL
: COUNTRY: USA
: ZIP: 32606
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/304,626
: FILING DATE:
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/07/887,980
: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: Saliwanchik, David R.
: REGISTRATION NUMBER: 31,794
: REFERENCE/DOCKET NUMBER: M/SCJ 104
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 904-375-8100
: TELEFAX: 904-372-5800
: INFORMATION FOR SEQ ID NO: 27:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 21 bases
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (synthetic)
: US-08-304-626-27

Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 4.4e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 5271 AAGGAGTTTATTCAGAAAT 5291
Db 1 AATGAGTWTATCCGWTMAAT 21

RESULT 320
US-08-316-301A-34
: Sequence 34, Application US/08316301A
: Patent No. 5753492
: GENERAL INFORMATION:
: APPLICANT: Schnepf, Harry E.
: APPLICANT: Schwab, George E.
: APPLICANT: Payne, Jewel M.
: APPLICANT: Narva, Kenneth B.
: APPLICANT: Foncerrada, Luis
: TITLE OF INVENTION: No. 5753492e1 Nematode-Active Toxins and Genes
: TITLE OF INVENTION: Which Code Therefor
: NUMBER OF SEQUENCES: 42
: CORRESPONDENCE ADDRESS:
: ADDRESS: Saliwanchik & Saliwanchik
: STREET: 2421 N.W. 41st Street, Suite A-1
: CITY: Gainesville
: STATE: FL
: COUNTRY: USA
: ZIP: 32606
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/316,301A
: FILING DATE: 30-SEP-1994
```

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/871,510  
FILING DATE: 23-APR-1992  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/693,018  
FILING DATE: 03-MAY-1991  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/565,544  
FILING DATE: 10-AUG-1990  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/084,653  
FILING DATE: 12-AUG-1987  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/830,050  
FILING DATE: 31-JAN-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Lloyd, Jeff  
REGISTRATION NUMBER: 35,589  
REFERENCE/DOCKET NUMBER: MA20CCCD1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 904-375-8100  
TELEFAX: 904-372-5800  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (synthetic)  
US-08-316-301A-34

Query Match 0.3%; Score 15; DB 1; Length 21;  
Best Local Similarity 71.4%; Pred. No. 4.4e+02;  
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AAGGAGTTTATTCAGAAAT 5291  
DB 1 AATGAAGTWTATCCGWTMAAT 21

RESULT 321  
US-08-611-928-27  
Sequence 27, Application US/08611928  
Patent No. 5824792  
GENERAL INFORMATION:  
APPLICANT: Payne, Jewel  
APPLICANT: Kennedy, M. Keith  
APPLICANT: Randall, John Brooks  
APPLICANT: Meier, Henry  
APPLICANT: Vick, Heidi Jane  
APPLICANT: Foncecerra, Luis  
APPLICANT: Schnepf, H. Ernest  
APPLICANT: Schwab, George E.  
APPLICANT: Fu, Jenny  
TITLE OF INVENTION: No. 5824792el Bacillus thuringiensis Toxins Active  
TITLE OF INVENTION: Against Hymenopteran Pests  
NUMBER OF SEQUENCES: 51  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: David R. Saliwanchik  
STREET: 2421 N.W. 41st Street, Suite A-1  
CITY: Gainesville  
STATE: FL  
COUNTRY: USA  
ZIP: 32606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/611,928  
FILING DATE: 06-MAR-1996  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/158,232  
FILING DATE: 24-NOV-1993  
APPLICATION NUMBER: US 07/887,980  
FILING DATE: 22-MAY-1992  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/797,645  
FILING DATE: 25-NOV-1991  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/703,977  
FILING DATE: 22-MAY-1991  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Saliwanchik, David R.  
REGISTRATION NUMBER: 31,794  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 904-375-8100  
TELEFAX: 904-372-5800  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (synthetic)  
US-08-611-928-27

Query Match 0.3%; Score 15; DB 1; Length 21;  
Best Local Similarity 71.4%; Pred. No. 4.4e+02;  
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AAGGAGTTTATTCAGAAAT 5291  
DB 1 AATGAAGTWTATCCGWTMAAT 21

RESULT 322  
US-09-224-024-11  
Sequence 11, Application US/09224024  
Patent No. 6056953  
GENERAL INFORMATION:  
APPLICANT: Leelle Hickle  
APPLICANT: Jewel Payne  
TITLE OF INVENTION: Materials and Methods for the Control of  
TITLE OF INVENTION: Calliphoridae Pests  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: David R. Saliwanchik  
STREET: 2421 N.W. 41st Street, Suite A-1  
CITY: Gainesville  
STATE: FL  
COUNTRY: USA  
ZIP: 32606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/224,024  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/856,226

```

; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Saliwanchik, David R.
; REGISTRATION NUMBER: 31,794
; REFERENCE/DOCKET NUMBER: MA79
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 904-375-8100
; TELEFAX: 904-372-5800
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
;
US-09-224-024-11

Query Match
Best Local Similarity 0.3%; Score 15; DB 1; Length 21;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AACGAAGTTATTCAGAAAT 5291
DB 1 AATGAAGTWTATCCGWTMAAT 21

RESULT 323
US-09-173-891-27
; Sequence 27, Application US/09173891
; Patent No. 6077937
; GENERAL INFORMATION:
; APPLICANT: Payne, Jewel
; APPLICANT: Kennedy, M. Keith
; APPLICANT: Randall, John Brooks
; APPLICANT: Meier, Henry
; APPLICANT: Vick, Heidi Jane
; APPLICANT: Foncerra, Luis
; APPLICANT: Schepf, H. Ernest
; APPLICANT: Schwab, George E.
; APPLICANT: Fu, Jenny
; TITLE OF INVENTION: No. 6077937e1 Bacillus thuringiensis Toxins Active
; TITLE OF INVENTION: Against Hymenopteran Pests
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSER: David R. Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/173,891
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/158,232
; FILING DATE:
; APPLICATION NUMBER: US 07/887,980
; FILING DATE: 22-MAY-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/797,645
; FILING DATE: 25-NOV-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/703,977
; FILING DATE: 22-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Saliwanchik, David R.
; REGISTRATION NUMBER: 31,794
```

```

; REFERENCE/DOCKET NUMBER: M/SCJ104.C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 904-375-8100
; TELEFAX: 904-372-5800
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
;
US-09-173-891-27

Query Match
Best Local Similarity 0.3%; Score 15; DB 1; Length 21;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AACGAAGTTATTCAGAAAT 5291
DB 1 AATGAAGTWTATCCGWTMAAT 21

RESULT 324
US-09-076-137-34
; Sequence 34, Application US/09076137B
; Patent No. 6166195
; GENERAL INFORMATION:
; APPLICANT: Schepf, Harry E.
; APPLICANT: Schwab, George E.
; APPLICANT: Payne, Jewel M.
; APPLICANT: Narva, Kenneth E.
; APPLICANT: Foncerra, Luis
; TITLE OF INVENTION: No. 6166195e1 Nematode-Active Toxins and Genes Which Code
; TITLE OF INVENTION: Therefor
; FILE REFERENCE: MA-20CCD2
; CURRENT APPLICATION NUMBER: US/09/076,137B
; CURRENT FILING DATE: 1998-05-12
; EARLIER APPLICATION NUMBER: 08/316,301
; EARLIER FILING DATE: 1994-09-30
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 34
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
; OTHER INFORMATION: probe
;
US-09-076-137-34

Query Match
Best Local Similarity 0.3%; Score 15; DB 1; Length 21;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AACGAAGTTATTCAGAAAT 5291
DB 1 AATGAAGTWTATCCGWTMAAT 21

RESULT 325
US-09-738-363-34
; Sequence 34, Application US/09738363
; Patent No. 6632792
; GENERAL INFORMATION:
; APPLICANT: Schepf, Harry E.
; APPLICANT: Schwab, George E.
; APPLICANT: Payne, Jewel M.
; APPLICANT: Narva, Kenneth E.
; APPLICANT: Foncerra, Luis
; TITLE OF INVENTION: Nematocidal Proteins
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Jay M. Sanders
```

STREET: 2421 N.W. 41st Street, Suite A-1  
CITY: Gainesville  
STATE: FL  
COUNTRY: USA  
ZIP: 32606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/738,363  
FILING DATE: 15-Dec-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/076,137  
FILING DATE: 12-MAY-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Sanders, Jay  
REGISTRATION NUMBER: 39,355  
REFERENCE/DOCKET NUMBER: MA-20CCCD3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 352-375-8100  
TELEFAX: 352-372-5800  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: DNA (synthetic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 34:  
US-09-738-363-34

Query Match 0.3%; Score 15; DB 1; Length 21;  
Best Local Similarity 71.4%; Pred. No. 4.4e+02;  
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AAGGAAGTTTATTCAGAAAT 5291  
DB 1 AATGAAGTWTATCWTGTAAT 21

RESULT 326  
PCT-US92-03624-34  
Sequence 964, Application US/09657472  
Patent No. 6727063  
GENERAL INFORMATION:  
APPLICANT: Lander, Eric S.  
APPLICANT: Cargill, Michele  
APPLICANT: Ireland, James S.  
APPLICANT: Bolk, Stacey  
APPLICANT: Daley, George O.  
APPLICANT: McCarthy, Jeanette J.  
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES  
FILE REFERENCE: 2825.1027-001  
CURRENT APPLICATION NUMBER: US/09/657,472  
FILING DATE: 2000-09-07  
PRIOR APPLICATION NUMBER: US 60/153,357  
PRIOR FILING DATE: 1999-09-10  
PRIOR APPLICATION NUMBER: US 60/220,947  
PRIOR FILING DATE: 2000-07-26  
PRIOR APPLICATION NUMBER: US 60/225,724  
PRIOR FILING DATE: 2000-08-16  
NUMBER OF SEQ ID NOS: 2551  
SOFTWARE: PatsSeq for Windows Version 4.0  
SEQ ID NO 964  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-657-472-964

Query Match 0.3%; Score 15; DB 1; Length 21;

Best Local Similarity 88.2%; Pred. No. 4.4e+02;  
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 3573 AGAGAGCGCGCTTCCC 3589  
DB 5 AGAGAGCGCGATTCCC 21

RESULT 327  
PCT-US92-03624-34  
Sequence 34, Application PC/TUS9203624  
GENERAL INFORMATION:  
APPLICANT: Schepf, Harry E.  
APPLICANT: Schwab, George B.  
APPLICANT: Payne, Jewel M.  
APPLICANT: Narva, Kenneth B.  
APPLICANT: Poncerra, Luis  
TITLE OF INVENTION: Novel Nematode-Active Toxins and Genes  
TITLE OF INVENTION: Which Code Therefor  
NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: David R. Saliwanchik  
STREET: 2421 N.W. 41st Street, Suite A-1  
CITY: Gainesville  
STATE: FL  
COUNTRY: USA  
ZIP: 32606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US92/03624  
FILING DATE: 19920501  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Saliwanchik, David R.  
REGISTRATION NUMBER: 31,794  
REFERENCE/DOCKET NUMBER: MA20C2C1C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 904-375-8100  
TELEFAX: 904-372-5800  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 bases  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: DNA (synthetic)  
PCT-US92-03624-34

Query Match 0.3%; Score 15; DB 1; Length 21;  
Best Local Similarity 71.4%; Pred. No. 4.4e+02;  
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AAGGAAGTTTATTCAGAAAT 5291  
DB 1 AATGAAGTWTATCWTGTAAT 21

RESULT 328  
PCT-US94-07902-11  
Sequence 11, Application PC/TUS9407902  
GENERAL INFORMATION:  
APPLICANT:  
APPLICANT: Street address: 4980 Carroll Canyon Road  
APPLICANT: City: San Diego  
APPLICANT: State/Province: California  
APPLICANT: Country: US  
APPLICANT: Postal code/Zip: 92121  
APPLICANT: Phone number: (619) 453-8030  
APPLICANT: Telex number:  
Fax number: (619) 453-6991



TITLE OF INVENTION: Materials and Methods for the Control of  
TITLE OF INVENTION: Calliphoridae Pests  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: David R. Saliwanchik  
STREET: 2421 N.W. 41st Street, Suite A-1  
CITY: Gainesville  
STATE: FL  
COUNTRY: USA  
ZIP: 32606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/07902  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Saliwanchik, David R.  
REGISTRATION NUMBER: 31,794  
REFERENCE/DOCKET NUMBER: MA79  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 904-375-8100  
TELEFAX: 904-372-5800  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (synthetic)  
PCT-US94-07902-11

Query Match 0.3%; Score 15; DB 1; Length 21;  
Best Local Similarity 71.4%; Pred. No. 4.4e+02;  
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AAGGAGTTTATTCAGAAAT 5291  
Db 1 AATGAGTWTATCCGTTAAT 21

RESULT 329  
US-08-469-177-8/c  
Sequence 8, Application US/08469177  
Patent No. 5607924  
GENERAL INFORMATION:  
APPLICANT: MAGDA, Darren  
APPLICANT: SESSLER, Jonathan L.  
APPLICANT: IVERSON, Brent L.  
APPLICANT: SANSOM, Petra I.  
APPLICANT: WRIGHT, Meredith  
TITLE OF INVENTION: DNA PHOTOCLEAVAGE USING TEXAPHYRINS  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pharmacyclics, Inc.  
STREET: 995 East Arques Avenue  
CITY: Sunnyvale  
STATE: California  
COUNTRY: United States of America  
ZIP: 94086  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,177  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:

NAME: Larson, Jacqueline S.  
REGISTRATION NUMBER: 30,279  
REFERENCE/DOCKET NUMBER: PHAY.057  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (408) 774-3363  
TELEFAX: (408) 774-0340  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA"  
US-08-469-177-8

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 4.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4398 GAAAGACAGAAAGATGA 4415  
Db 18 GAAAGAAAGAAAGAGA 1

RESULT 330  
US-08-373-124A-2253/c  
Sequence 2253, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2253:

SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-2253

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 4.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2518 TTGGGGCATCACCACA 2535  
DB 18 TTGGGGCATCTGCCACA 1

RESULT 331  
US-08-758-306-953/C  
Sequence 953, Application US/08758306  
Patent No. 5807743  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITL OF INVENTION: TREATMENT OF DISEASES  
TITLE OF INVENTION: ASSOCIATED WITH  
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
NUMBER OF SEQUENCES: 1379  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/758,306  
FILING DATE: December 3, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 212/132  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 953:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-758-306-953

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 4.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 573 GAAGAGAGAGCTGAAGA 590  
DB 18 GCAGAGAGAGCTGAAGA 1

RESULT 332  
US-08-578-709-4  
Sequence 4, Application US/08578709  
Patent No. 5814509  
GENERAL INFORMATION:  
APPLICANT: TANABE, Tadaaki  
TITLE OF INVENTION: PROSTACYCLIN SYNTHASE DERIVED FROM HUMAN  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SUGHRUE, MIOM, ZINN, MACPHEAK & SEAS  
STREET: 2100 Pennsylvania Avenue, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20037

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/578,709  
FILING DATE: 28-DEC-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/JP95/00838  
FILING DATE: 27-APR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 114316/1994  
FILING DATE: 28-APR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Gudinsky, Louis  
REGISTRATION NUMBER: 24,835  
REFERENCE/DOCKET NUMBER: 040439  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)293-7860  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "PRIMER/SYNTHETIC DNA"  
US-08-578-709-4

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 4.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4457 TGCCTGCACTACTCTGA 4474  
DB 1 TGCCTGCACTCTCTGA 18

RESULT 333  
US-08-435-628-2253/C  
Sequence 2253, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITL OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2253:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-2253

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 4.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2518 TTGGGCGCATCAACACA 2535  
DB 18 TTGGGCGCATCTGCCACA 1

RESULT 334  
US-08-485-721-18  
Sequence 18, Application US/08485721  
Patent No. 5821124  
GENERAL INFORMATION:  
APPLICANT: Regeneron Pharmaceuticals, Inc. and  
APPLICANT: Regents of the University of California  
TITLE OF INVENTION: Dorsal Tissue Affecting Factor and  
TITLE OF INVENTION: Compositions  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Regeneron Pharmaceuticals, Inc.  
STREET: 777 Old Saw Mill River Road  
CITY: Tarrytown  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10591  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/485,721  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/392,935  
FILING DATE: 02-SEP-1993  
APPLICATION NUMBER: PCT/US93/08326  
FILING DATE: 02-SEP-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Kempster Ph.D., Gail M.  
REGISTRATION NUMBER: 32,143  
REFERENCE/DOCKET NUMBER: Reg 132  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 914-347-7000  
TELEFAX: 914-347-2113  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..18  
US-08-485-721-18

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 4.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 748 CAGATGGCGCTGAGTCA 765  
DB 1 CAGATGGCGCTGGTCA 18

RESULT 335  
US-08-392-935-18  
Sequence 18, Application US/08392935  
Patent No. 5843775  
GENERAL INFORMATION:  
APPLICANT: Regeneron Pharmaceuticals, Inc. and  
APPLICANT: Regents of the University of California  
TITLE OF INVENTION: Dorsal Tissue Affecting Factor and  
TITLE OF INVENTION: Compositions  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Regeneron Pharmaceuticals, Inc.  
STREET: 777 Old Saw Mill River Road  
CITY: Tarrytown  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10591  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/392,935  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/08326  
FILING DATE: 02-SEP-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Kempster Ph.D., Gail M.  
REGISTRATION NUMBER: 32,143  
REFERENCE/DOCKET NUMBER: Reg 132  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 914-347-7000

```

; TELEFAX: 914-347-2113
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
; US-08-392-935-18

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 748 CAGATGGCTGTGATCA 765
Db 1 CAGATGGCTGTGATCA 18

RESULT 336
US-09-212-771-36
; Sequence 36; Application US/09212771
; Patent No. 5958773
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-1 EXPRESSION
; FILE REFERENCE: RFS-0034
; CURRENT APPLICATION NUMBER: US/09/212.771
; CURRENT FILING DATE: 1998-12-16
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-212-771-36

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3312 GCAGACCACTGATCA 3329
Db 1 GCAGACCACTGATCA 18

RESULT 337
US-08-863-639A-17
; Sequence 17; Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coasasin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caakey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; OPERATING SYSTEM: Windows 95
```

```

; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Muech
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-17

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGACG 2659
Db 1 TGCAGCTGCTGCTGACG 18

RESULT 338
US-08-945-654-10/c
; Sequence 10; Application US/08945654
; Patent No. 6071747
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: IMMORTALIZED CELL LINES FROM HUMAN
; TITLE OF INVENTION: ADIPOSE TISSUE, PROCESS FOR PREPARING SAME AND APPLICATIONS
; NUMBER OF SEQUENCES: 22
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/945,654
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9504922
; FILING DATE: 25-APR-1995
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PRIMER"
; US-08-945-654-10

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1264 CTACAGCCCACTGATCA 1281
Db 1 CTACAGCCCACTGATCA 1

RESULT 339
US-08-897-236-18
```

; Sequence 18, Application US/08897236A  
; Patent No. 6075007  
; GENERAL INFORMATION:  
; APPLICANT: Regeneron Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition  
; FILE REFERENCE: REG 133  
; CURRENT APPLICATION NUMBER: US/08/897,236A  
; CURRENT FILING DATE: 1997-07-17  
; NUMBER OF SEQ ID NOS: 23  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 18  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide  
US-08-897-236-18

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 4.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 748 CAGATGGGCTGAGTCA 765  
Db 1 CAGATGGGCTGAGTCA 18

RESULT 340  
US-09-177-359-15  
; Sequence 15, Application US/09177359B  
; Patent No. 6183963  
; GENERAL INFORMATION:  
; APPLICANT: SINNETT, Daniel  
; TITLE OF INVENTION: DETECTION OF CYP1A1, CYP3A4, CYP2D6 AND  
; TITLE OF INVENTION: NAT2 VARIANTS BY PCR-ALLELE-SPECIFIC OLIGONUCLEOTIDE (ASO)  
; FILE REFERENCE: 12667-17"US" FC/Id  
; CURRENT APPLICATION NUMBER: US/09/177,359B  
; CURRENT FILING DATE: 1998-10-23  
; NUMBER OF SEQ ID NOS: 37  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 15  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: cDNA for use as primers  
US-09-177-359-15

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 4.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4154 GCTTCTCCCTGGAG 4171  
Db 1 GCTTCTCCCTGGAG 18

RESULT 341  
US-09-167-874-18  
; Sequence 18, Application US/09167874  
; Patent No. 6277593  
; GENERAL INFORMATION:  
; APPLICANT: Valenzuela et al.  
; TITLE OF INVENTION: DORSAL TISSUE AFFECTING FACTOR AND COMPOSITIONS  
; FILE REFERENCE: REG132-B  
; CURRENT APPLICATION NUMBER: US/09/167,874  
; CURRENT FILING DATE: 1998-10-07  
; EARLIER APPLICATION NUMBER: 08/485,721  
; EARLIER FILING DATE: 1995-07-06  
; EARLIER APPLICATION NUMBER: 08/392,935  
; EARLIER FILING DATE: 1995-09-22

; EARLIER APPLICATION NUMBER: PCT/US93/08326  
; EARLIER FILING DATE: 1993-09-02  
; EARLIER APPLICATION NUMBER: 07/957,401  
; EARLIER FILING DATE: 1992-10-06  
; EARLIER APPLICATION NUMBER: 07/950,410  
; EARLIER FILING DATE: 1992-09-23  
; EARLIER APPLICATION NUMBER: 07/939,954  
; EARLIER FILING DATE: 1992-09-03  
; NUMBER OF SEQ ID NOS: 22  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 18  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide  
US-09-167-874-18

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 4.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 748 CAGATGGGCTGAGTCA 765  
Db 1 CAGATGGGCTGAGTCA 18

RESULT 342  
US-08-275-951-33/c  
; Sequence 33, Application US/08275951  
; Patent No. 6451968  
; GENERAL INFORMATION:  
; APPLICANT: Egholm, Michael  
; APPLICANT: Kieley, John  
; APPLICANT: Griffin, Michael  
; APPLICANT: Coull, James M.  
; APPLICANT: Nielsen, Peter  
; APPLICANT: Buchardt, Ole  
; APPLICANT: Dieholm, Kim L.  
; APPLICANT: Christensen, Lelf  
; TITLE OF INVENTION: Linked Peptide Nucleic Acids  
; FILE REFERENCE: ISIS1577  
; CURRENT APPLICATION NUMBER: US/08/275,951  
; CURRENT FILING DATE: 1994-07-15  
; PRIOR APPLICATION NUMBER: 08/108,591  
; PRIOR FILING DATE: 1993-11-22  
; PRIOR APPLICATION NUMBER: 08/088,658  
; PRIOR FILING DATE: 1993-07-02  
; PRIOR APPLICATION NUMBER: 08/088,661  
; PRIOR FILING DATE: 1993-07-02  
; PRIOR APPLICATION NUMBER: PCT/EP92/01219  
; PRIOR FILING DATE: 1992-05-22  
; PRIOR APPLICATION NUMBER: 986/91  
; PRIOR FILING DATE: 1991-05-22  
; PRIOR APPLICATION NUMBER: 987/91  
; PRIOR FILING DATE: 1991-05-24  
; PRIOR APPLICATION NUMBER: 510/92  
; PRIOR FILING DATE: 1991-04-15  
; NUMBER OF SEQ ID NOS: 65  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 33  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence  
; NAME/KEY: misc feature  
; LOCATION: (9)-(10)  
; OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino  
; OTHER INFORMATION: Hexanoic Acid, Lysine linkage  
US-08-275-951-33

Query Match 0.3%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 4.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5396 AAAATACAAAAAGAAA 5413

Db 18 AAAAGAAAAAGAAAA 1

RESULT 343

US-09-500-253B-18

; Sequence 18, Application US/09500253B

; Patent No. 650640

; GENERAL INFORMATION:

; APPLICANT: Regeneron Pharmaceuticals, Inc.

; TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition

; FILE REFERENCE: REG 133-Z

; CURRENT APPLICATION NUMBER: US/09/500,253B

; CURRENT FILING DATE: 2000-02-08

; NUMBER OF SEQ ID NOS: 27

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 18

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Primer

US-09-500-253B-18

Query Match 0.3%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 4.1e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 748 CAGATGGGCTGAGTCA 765

Db 1 CAGATGGCTGTGCTCA 18

RESULT 344

US-09-422-978-5445

; Sequence 5445, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET 020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 5445

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer\_bind

; LOCATION: 1..18

; OTHER INFORMATION: upstream amplification primer 99-26002 for SEQ 1511,

US-09-422-978-5445

Query Match 0.3%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 4.1e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4406 AGAAGTGTGACTCTGG 4423

Db 1 AGACAGTCGACTCTGG 18

RESULT 345

US-09-422-978-6099/C

; Sequence 6099, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET 020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 6099

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer\_bind

; LOCATION: 1..18

; OTHER INFORMATION: upstream amplification primer 99-8910 for SEQ 2165,

US-09-422-978-6099

Query Match 0.3%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 4.1e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 568 CTGAGAGGAGGAGCTG 585

Db 18 CTGAGAGGAGGAGCTG 1

RESULT 346

PCT-US93-08326-18

; Sequence 18, Application PC/TUS9308326

; GENERAL INFORMATION:

; APPLICANT: Valenzuela, et al.

; TITLE OF INVENTION: Dorsal Tissue Affecting Factor and

; TITLE OF INVENTION: Compositions

; NUMBER OF SEQUENCES: 24

; CORRESPONDENCE ADDRESS:

; ADDRESS: Regeneron Pharmaceuticals, Inc.

; STREET: 777 Old Saw Mill River Road

; CITY: Tarrytown

; STATE: New York

; COUNTRY: U.S.A.

; ZIP: 10591

; COMPUTER READABLE FORM:

; MEDIUM TYPE: floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: PCT/US93/08326

; FILING DATE: 02-SEP-1993

; CLASSIFICATION:

; ATTORNEY/AGENT INFORMATION:

; NAME: Kempler Ph.D., Gail M.

; REGISTRATION NUMBER: 32,143

; REFERENCE/DOCKET NUMBER: Reg 132

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 914-347-7000

; TELEFAX: 914-347-2113

; INFORMATION FOR SEQ ID NO: 18:

; SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..18  
PCT-US93-08326-18

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 4.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 748 CAGATGGGCTGAGGTCA 765  
DB 1 CAGATGGCTGTGTCA 18

RESULT 347  
US-08-849-021-67/c  
Sequence 67, Application US/08849021  
Patent No. 595276  
GENERAL INFORMATION:  
APPLICANT: MORGANTE, MICHELE  
APPLICANT: VOGEL, JULIE M.  
TITLE OF INVENTION: COMPOUND MICROSATTELLITE  
TITLE OF INVENTION: PRIMERS FOR THE  
TITLE OF INVENTION: DETECTION OF GENETIC  
POLYMORPHISMS  
NUMBER OF SEQUENCES: 89  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
ADDRESSER: COMPANY  
STREET: 1007 MARKET STREET  
CITY: WILMINGTON  
STATE: DELAWARE  
COUNTRY: U.S.A.  
ZIP: 19898  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/849,021  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/346,456  
FILING DATE: 28 NOVEMBER 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: FLOYD, LINDA AXAMETHY  
REGISTRATION NUMBER: 33,692  
REFERENCE/DOCKET NUMBER: BB-1064-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 302-892-8112  
TELEFAX: 302-992-7949  
INFORMATION FOR SEQ ID NO: 67:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-849-021-67

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 4.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1180 AGAGAAAGAGAGAGAG 1197  
| ||| ||||| |||||

DB 18 ATAGAGAGAGAGAG 1

RESULT 348  
US-09-360-416-136  
Sequence 136, Application US/09360416  
Patent No. 6458536  
GENERAL INFORMATION:  
APPLICANT: Richard A. Gatti  
TITLE OF INVENTION: METHODS FOR DETECTION OF ATAXIA  
FILE REFERENCE: 510015-222  
CURRENT APPLICATION NUMBER: US/09/360,416  
CURRENT FILING DATE: 1999-07-23  
NUMBER OF SEQ ID NOS: 143  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 136  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Human  
US-09-360-416-136

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 4.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5213 GTGATCTTGCTTGT 5230  
DB 2 GTGATCTTGCTTGT 19

RESULT 349  
US-09-907-794A-286  
Sequence 286, Application US/09907794A  
Patent No. 6635468  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerltzen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Goddard, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kijevlin, Ivar J.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tuma, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
Acids Encoding the Same  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/907,794A  
CURRENT FILING DATE: 2001-07-17  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222

;; PRIOR FILING DATE: 1999-07-28  
;; PRIOR APPLICATION NUMBER: PCT/US99/20594  
;; PRIOR FILING DATE: 1999-09-08  
;; PRIOR APPLICATION NUMBER: PCT/US99/20944  
;; PRIOR FILING DATE: 1999-09-13  
;; PRIOR APPLICATION NUMBER: PCT/US99/21090  
;; PRIOR FILING DATE: 1999-09-15  
;; PRIOR APPLICATION NUMBER: PCT/US99/21547  
;; PRIOR FILING DATE: 1999-09-15  
;; PRIOR APPLICATION NUMBER: PCT/US99/23089  
;; PRIOR FILING DATE: 1999-10-05  
;; PRIOR APPLICATION NUMBER: PCT/US99/28214  
;; PRIOR FILING DATE: 1999-11-29  
;; PRIOR APPLICATION NUMBER: PCT/US99/28313  
;; PRIOR FILING DATE: 1999-11-30  
;; PRIOR APPLICATION NUMBER: PCT/US99/28564  
;; PRIOR FILING DATE: 1999-12-02  
;; PRIOR APPLICATION NUMBER: PCT/US99/28565  
;; PRIOR FILING DATE: 1999-12-02  
;; PRIOR APPLICATION NUMBER: PCT/US99/30095  
;; PRIOR FILING DATE: 1999-12-16  
;; PRIOR APPLICATION NUMBER: PCT/US99/30911  
;; PRIOR FILING DATE: 1999-12-20  
;; PRIOR APPLICATION NUMBER: PCT/US99/30999  
;; PRIOR FILING DATE: 1999-12-20  
;; PRIOR APPLICATION NUMBER: PCT/US00/00219  
;; NUMBER OF SEQ ID NOS: 423  
;; SEQ ID NO 286  
;; LENGTH: 19  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic Oligonucleotide Probe  
US-09-907-794A-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 4.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CCTGCAGTTCCTGATGC 2116  
DB 2 CCTGCAGTTCCTGATGC 19

RESULT 350  
US-09-905-125A-286  
; Sequence 286, Application US/09905125A  
; Patent No. 6664376  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Baton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Rong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerltisen, Mary E.  
; APPLICANT: Goddard, A.  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth, J.  
; APPLICANT: Kijavlin, Ivar J.  
; APPLICANT: Mather, Jennie P.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel

;; APPLICANT: Williams, P. Mickey  
;; APPLICANT: Wood, William, I.  
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
;; TITLE OF INVENTION: Acids Encoding the Same  
;; FILE REFERENCE: 10466-14  
;; CURRENT APPLICATION NUMBER: US/09/905,125A  
;; CURRENT FILING DATE: 2001-07-12  
;; PRIOR APPLICATION NUMBER: PCT/US00/04414  
;; PRIOR FILING DATE: 2000-02-22  
;; PRIOR APPLICATION NUMBER: US 60/143,048  
;; PRIOR FILING DATE: 1999-07-07  
;; PRIOR APPLICATION NUMBER: US 60/145,698  
;; PRIOR FILING DATE: 1999-07-26  
;; PRIOR APPLICATION NUMBER: US 60/146,222  
;; PRIOR FILING DATE: 1999-07-28  
;; PRIOR APPLICATION NUMBER: PCT/US99/20594  
;; PRIOR FILING DATE: 1999-09-08  
;; PRIOR APPLICATION NUMBER: PCT/US99/20944  
;; PRIOR FILING DATE: 1999-09-13  
;; PRIOR APPLICATION NUMBER: PCT/US99/21090  
;; PRIOR FILING DATE: 1999-09-15  
;; PRIOR APPLICATION NUMBER: PCT/US99/21547  
;; PRIOR FILING DATE: 1999-09-15  
;; PRIOR APPLICATION NUMBER: PCT/US99/23089  
;; PRIOR FILING DATE: 1999-10-05  
;; PRIOR APPLICATION NUMBER: PCT/US99/28214  
;; PRIOR FILING DATE: 1999-11-29  
;; PRIOR APPLICATION NUMBER: PCT/US99/28313  
;; PRIOR FILING DATE: 1999-11-30  
;; PRIOR APPLICATION NUMBER: PCT/US99/28564  
;; PRIOR FILING DATE: 1999-12-02  
;; PRIOR APPLICATION NUMBER: PCT/US99/28565  
;; PRIOR FILING DATE: 1999-12-02  
;; PRIOR APPLICATION NUMBER: PCT/US99/30095  
;; PRIOR FILING DATE: 1999-12-16  
;; PRIOR APPLICATION NUMBER: PCT/US99/30911  
;; PRIOR FILING DATE: 1999-12-20  
;; PRIOR APPLICATION NUMBER: PCT/US99/30999  
;; PRIOR FILING DATE: 1999-12-20  
;; PRIOR APPLICATION NUMBER: PCT/US00/00219  
;; PRIOR FILING DATE: 2000-01-05  
;; NUMBER OF SEQ ID NOS: 423  
;; SEQ ID NO 286  
;; LENGTH: 19  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic Oligonucleotide Probe  
US-09-905-125A-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 4.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CCTGCAGTTCCTGATGC 2116  
DB 2 CCTGCAGTTCCTGATGC 19

RESULT 351  
US-09-495-714C-90/C  
; Sequence 90, Application US/09495714C  
; Patent No. 6670465  
; GENERAL INFORMATION:  
; APPLICANT: University Technologies International Inc.  
; TITLE OF INVENTION: RETINAL CALCULUM CHANNEL (ALPHA) 1P-SUBUNIT GENE  
; FILE REFERENCE: 45499.4 (formerly 45074.6)  
; CURRENT APPLICATION NUMBER: US/09/495,714C  
; CURRENT FILING DATE: 2000-02-01  
; NUMBER OF SEQ ID NOS: 138  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 90  
; LENGTH: 19



TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-495-714C-90

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 4.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1432 GTGGAGGAGATGGAGA 1449  
DB 19 GTGGAGGAGATGGAGA 2

RESULT 352  
US-09-902-775A-286  
Sequence 286, Application US/09902775A  
Patent No. 6686451  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanpeter  
APPLICANT: Gerltsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Mather, Jenile P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/902,775A  
CURRENT FILING DATE: 2001-07-10  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565

PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16  
PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US00/00219  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 423  
SEQ ID NO 286  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Oligonucleotide Probe  
US-09-902-775A-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 4.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CCGGACTTGCCTGATGC 2116  
DB 2 CCGGACTTGCCTGATGC 19

RESULT 353  
US-09-906-700-286  
Sequence 286, Application US/09906700  
Patent No. 6723535  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanpeter  
APPLICANT: Gerltsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Mather, Jenile P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/906,700  
CURRENT FILING DATE: 2000-09-18  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944

;; PRIOR FILING DATE: 1999-09-13  
;; PRIOR APPLICATION NUMBER: PCT/US99/21090  
;; PRIOR FILING DATE: 1999-09-15  
;; PRIOR APPLICATION NUMBER: PCT/US99/21547  
;; PRIOR FILING DATE: 1999-09-15  
;; PRIOR APPLICATION NUMBER: PCT/US99/23089  
;; PRIOR FILING DATE: 1999-10-05  
;; PRIOR APPLICATION NUMBER: PCT/US99/28214  
;; PRIOR FILING DATE: 1999-11-29  
;; PRIOR APPLICATION NUMBER: PCT/US99/28213  
;; PRIOR FILING DATE: 1999-11-30  
;; PRIOR APPLICATION NUMBER: PCT/US99/28564  
;; PRIOR FILING DATE: 1999-12-02  
;; PRIOR APPLICATION NUMBER: PCT/US99/28565  
;; PRIOR FILING DATE: 1999-12-02  
;; PRIOR APPLICATION NUMBER: PCT/US99/30095  
;; PRIOR FILING DATE: 1999-12-16  
;; PRIOR APPLICATION NUMBER: PCT/US99/30911  
;; PRIOR FILING DATE: 1999-12-20  
;; PRIOR APPLICATION NUMBER: PCT/US99/30999  
;; PRIOR FILING DATE: 1999-12-20  
;; PRIOR APPLICATION NUMBER: PCT/US00/00219  
;; PRIOR FILING DATE: 2000-01-05  
;; NUMBER OF SEQ ID NOS: 423  
;; SEQ ID NO 286  
;; LENGTH: 19  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic Oligonucleotide Probe  
US-09-906-700-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 4.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CCTGCACTTGCTGATGC 2116  
DB 2 CCTGCACTTGCTGATGC 19

RESULT 354  
US-09-903-603A-286  
; Sequence 286, Application US/09903603A  
; Patent No. 6767995  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, A.  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth, J.  
; APPLICANT: Kijavlin, Ivar J.  
; APPLICANT: Mather, Jennie P.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William, I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

;; FILE REFERENCE: GNE.1618P2C12  
;; CURRENT APPLICATION NUMBER: US/09/903, 603A  
;; CURRENT FILING DATE: 2001-07-11  
;; PRIOR APPLICATION NUMBER: PCT/US00/04414  
;; PRIOR FILING DATE: 2000-02-22  
;; PRIOR APPLICATION NUMBER: US 60/143,048  
;; PRIOR FILING DATE: 1999-07-07  
;; PRIOR APPLICATION NUMBER: US 60/145,698  
;; PRIOR FILING DATE: 1999-07-26  
;; PRIOR APPLICATION NUMBER: US 60/146,222  
;; PRIOR FILING DATE: 1999-07-28  
;; PRIOR APPLICATION NUMBER: PCT/US99/20594  
;; PRIOR FILING DATE: 1999-09-08  
;; PRIOR APPLICATION NUMBER: PCT/US99/20944  
;; PRIOR FILING DATE: 1999-09-13  
;; PRIOR APPLICATION NUMBER: PCT/US99/21090  
;; PRIOR FILING DATE: 1999-09-15  
;; PRIOR APPLICATION NUMBER: PCT/US99/21547  
;; PRIOR FILING DATE: 1999-09-15  
;; PRIOR APPLICATION NUMBER: PCT/US99/23089  
;; PRIOR FILING DATE: 1999-10-05  
;; PRIOR APPLICATION NUMBER: PCT/US99/28214  
;; PRIOR FILING DATE: 1999-11-29  
;; PRIOR APPLICATION NUMBER: PCT/US99/28313  
;; PRIOR FILING DATE: 1999-11-30  
;; PRIOR APPLICATION NUMBER: PCT/US99/28564  
;; PRIOR FILING DATE: 1999-12-02  
;; PRIOR APPLICATION NUMBER: PCT/US99/28565  
;; PRIOR FILING DATE: 1999-12-02  
;; PRIOR APPLICATION NUMBER: PCT/US99/30095  
;; PRIOR FILING DATE: 1999-12-16  
;; PRIOR APPLICATION NUMBER: PCT/US99/30911  
;; PRIOR FILING DATE: 1999-12-20  
;; PRIOR APPLICATION NUMBER: PCT/US99/30999  
;; PRIOR FILING DATE: 1999-12-20  
;; PRIOR APPLICATION NUMBER: PCT/US00/00219  
;; PRIOR FILING DATE: 2000-01-05  
;; NUMBER OF SEQ ID NOS: 423  
;; SEQ ID NO 286  
;; LENGTH: 19  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic Oligonucleotide Probe  
US-09-903-603A-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 4.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CCTGCACTTGCTGATGC 2116  
DB 2 CCTGCACTTGCTGATGC 19

RESULT 355  
US-07-940-242A-70/c  
; Sequence 70, Application US/07940242A  
; Patent No. 5427909  
; GENERAL INFORMATION:  
; APPLICANT: OKAMOTO, Hiroaki  
; APPLICANT: NAKAMURA, Tetsuo  
; TITLE OF INVENTION: OLIGONUCLEOTIDES AND DETERMINATION  
; TITLE OF INVENTION: SYSTEM OF HCV GENOTYPES  
; NUMBER OF SEQUENCES: 99  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Beveridge, Degrandi, Wellacher & Young  
; STREET: 1850 M Street, N.W. (Suite 800)  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: US  
; ZIP: 20036  
; COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/940.242A  
FILING DATE: 08-SEP-1992  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 307296/91  
FILING DATE: 09-SEP-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 093960/92  
FILING DATE: 28-FEB-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Wellacher, Robert G.  
REGISTRATION NUMBER: 20,531  
REFERENCE/DOCKET NUMBER: 06/87-48095  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 659-2811  
TELEFAX: (202) 659-1462  
TELEX: WUI 64470  
INFORMATION FOR SEQ ID NO: 70:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-940-242A-70

Query March 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 801 TCCCTCATTCCTCAG 818  
Db 20 TCCCTCATTCCTCAG 3

RESULT 356  
US-07-940-242A-71/C  
Sequence 71, Application US/07940242A  
Patent No. 5427909  
GENERAL INFORMATION:  
APPLICANT: OKAMOTO, Hiroaki  
APPLICANT: NAKAMURA, Tetsuo  
TITLE OF INVENTION: OLIGONUCLEOTIDES AND DETERMINATION  
TITLE OF INVENTION: SYSTEM OF HCV GENOTYPES  
NUMBER OF SEQUENCES: 99  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Beveridge, Degrandt, Wellacher & Young  
STREET: 1850 M Street, N.W. (Suite 800)  
CITY: Washington  
STATE: D.C.  
COUNTRY: US  
ZIP: 20036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/940.242A  
FILING DATE: 08-SEP-1992  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 307296/91  
FILING DATE: 09-SEP-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 093960/92  
FILING DATE: 28-FEB-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Wellacher, Robert G.

REGISTRATION NUMBER: 20,531  
REFERENCE/DOCKET NUMBER: 06/87-48095  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 659-2811  
TELEFAX: (202) 659-1462  
TELEX: WUI 64470  
INFORMATION FOR SEQ ID NO: 71:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-940-242A-71

Query March 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 801 TCCCTCATTCCTCAG 818  
Db 20 TCCCTCATTCCTCAG 3

RESULT 357  
US-07-940-242A-72/C  
Sequence 72, Application US/07940242A  
Patent No. 5427909  
GENERAL INFORMATION:  
APPLICANT: OKAMOTO, Hiroaki  
APPLICANT: NAKAMURA, Tetsuo  
TITLE OF INVENTION: OLIGONUCLEOTIDES AND DETERMINATION  
TITLE OF INVENTION: SYSTEM OF HCV GENOTYPES  
NUMBER OF SEQUENCES: 99  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Beveridge, Degrandt, Wellacher & Young  
STREET: 1850 M Street, N.W. (Suite 800)  
CITY: Washington  
STATE: D.C.  
COUNTRY: US  
ZIP: 20036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/940.242A  
FILING DATE: 08-SEP-1992  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 307296/91  
FILING DATE: 09-SEP-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 093960/92  
FILING DATE: 28-FEB-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Wellacher, Robert G.  
REGISTRATION NUMBER: 20,531  
REFERENCE/DOCKET NUMBER: 06/87-48095  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 659-2811  
TELEFAX: (202) 659-1462  
TELEX: WUI 64470  
INFORMATION FOR SEQ ID NO: 72:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-940-242A-72

Query March 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 801 TCCTCATTCCTCAG 818  
|||||  
20 TCCTCATTCCTCAG 3

RESULT 358  
US-07-940-242A-74/C  
; Sequence 74, Application US/07940242A  
; Patent No. 5427909  
; GENERAL INFORMATION:  
; APPLICANT: OKAMOTO, Hiroaki  
; APPLICANT: NAKAMURA, Teisuo  
; TITLE OF INVENTION: OLIGONUCLEOTIDES AND DETERMINATION  
; TITLE OF INVENTION: SYSTEM OF HCV GENOTYPES  
; NUMBER OF SEQUENCES: 99  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Beveridge, Degrandi, Wellacher & Young  
; STREET: 1850 M Street, N.W. (Suite 800)  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: US  
; ZIP: 20036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/940,242A  
; FILING DATE: 08-SEP-1992  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 307296/91  
; FILING DATE: 09-SEP-1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 093960/92  
; FILING DATE: 28-FEB-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Wellacher, Robert G.  
; REGISTRATION NUMBER: 20,531  
; REFERENCE/DOCKET NUMBER: 06/87-48095  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 659-2811  
; TELEFAX: (202) 659-1462  
; TELEX: WUI 64470  
; INFORMATION FOR SEQ ID NO: 74:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-07-940-242A-74

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 801 TCCTCATTCCTCAG 818  
|||||  
20 TCCTCATTCCTCAG 3

RESULT 359  
US-08-126-593A-6  
; Sequence 6, Application US/08126593A  
; Patent No. 5527700  
; GENERAL INFORMATION:  
; APPLICANT: Kaslow, David C.  
; APPLICANT: Duffy, Patrick E.  
; TITLE OF INVENTION: Target Antigens of Transmission-Blocking  
; TITLE OF INVENTION: Antibodies for Malaria Parasites

NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew  
; STREET: One Market Plaza, Stuart Street Tower  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94105-1492  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/126,593A  
; FILING DATE: 22-SEP-1993  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/912,294  
; FILING DATE: 10-JUL-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Baetian, Kevin L.  
; REGISTRATION NUMBER: 34,774  
; REFERENCE/DOCKET NUMBER: 15280-46-1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 543-9600  
; TELEFAX: (415) 543-5043  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; NAME/KEY: -  
; LOCATION: 1..20  
; OTHER INFORMATION: /note= "PEPCR2851 primer"  
US-08-126-593A-6

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 65.0%; Pred. No. 4.5e+02;  
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1447 GGACATTAATGATGATCAG 1466  
||:||||:||||  
DB 1 GGWTWTATATGATGATGAG 20

RESULT 360  
US-08-454-039A-6  
; Sequence 6, Application US/08454039A  
; Patent No. 5753238  
; GENERAL INFORMATION:  
; APPLICANT: Kaslow, David C.  
; APPLICANT: Duffy, Patrick E.  
; TITLE OF INVENTION: Target Antigens of Transmission-Blocking  
; TITLE OF INVENTION: Antibodies for Malaria Parasites  
; NUMBER OF SEQUENCES: 10  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/454,039A

FILING DATE: 30-MAY-1995  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/912,294  
FILING DATE: 10-JUL-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/126,593  
FILING DATE: 22-SEP-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Baetian, Kevin L.  
REGISTRATION NUMBER: 34,774  
REFERENCE/DOCKET NUMBER: 15280-46-1-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: -  
LOCATION: 1..20  
OTHER INFORMATION: /note= "primer pFPCR28S1"  
US-08-454-039A-6

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 65.0%; Pred. No. 4.5e+02;  
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1447 GGACATTATTTGAGTCAG 1466  
DB 1 GGWTWTATATWSAGATGAG 20

RESULT 361  
US-09-258-371-17/c  
Sequence 17, Application US/09258371  
Patent No. 5986078  
GENERAL INFORMATION:  
APPLICANT: Garkavtsev, Igor  
APPLICANT: Rjabovsk, Karl  
TITLE OF INVENTION: DNA SEQUENCE ENCODING THE TUMOR  
NUMBER OF INVENTION: SUPPRESSOR GENE INGI  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Burns, Doane, Swecker & Mathis  
STREET: 699 Prince Street  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22313-1404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/258,371  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/751,230  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Mool, Leslie A., 37, 047  
REGISTRATION NUMBER: 028722-144  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-854-7400  
TELEFAX: 415-854-8275

INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-09-258-371-17

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4326 AAGCCCTGAGAAACCA 4343  
DB 20 AAGCCCTGAGAAATCCA 3

RESULT 362  
US-09-357-073-22  
Sequence 22, Application US/09357073  
Patent No. 6033910  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF MAP KINASE KINASE 6 EXPRESSION  
FILE REFERENCE: RTS-0086  
CURRENT APPLICATION NUMBER: US/09/357,073  
CURRENT FILING DATE: 1999-07-19  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 22  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-357-073-22

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3091 CTTGCTTTGGCTGAGA 3108  
DB 1 CTTGCTTTGGACTGAGA 18

RESULT 363  
US-09-357-070-38/c  
Sequence 38, Application US/09357070  
Patent No. 6046049  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF PI3 KINASE P110 DELTA EXPRESSION  
FILE REFERENCE: RTS-0076  
CURRENT APPLICATION NUMBER: US/09/357,070  
CURRENT FILING DATE: 1999-07-19  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 38  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-357-070-38

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 319 GGCTCCTCCTCCCTG 336  
|||||

Db 18 GGCTCTCCAGCCCTGG 1

RESULT 364  
US-09-289-267-96/c  
Sequence 96, Application US/09289267A  
Patent No. 6046320  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF MDX EXPRESSION  
FILE REFERENCE: RTS-0049  
CURRENT APPLICATION NUMBER: US/09/289,267A  
CURRENT FILING DATE: 1999-04-04  
NUMBER OF SEQ ID NOS: 166  
SEQ ID NO 96  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-289-267-96

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5412 AAAATGAAATTAAGAA 5429  
Db 20 AAAAGGAAATTAAGGAA 3

RESULT 365  
US-08-746-111-51  
Sequence 51, Application US/08746111  
Patent No. 6066778  
GENERAL INFORMATION:  
APPLICANT: Ginsburg, David  
TITLE OF INVENTION: Compositions And Methods For Screening  
TITLE OF INVENTION: Compounds For Anticoagulant Activity  
NUMBER OF SEQUENCES: 54  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Medlen & Carroll, LLP  
STREET: 220 Montgomery Street, Suite 2200  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/746,111  
FILING DATE: 06-NOV-1996  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ingolia, Diane E.  
REGISTRATION NUMBER: 40,027  
REFERENCE/DOCKET NUMBER: UM-02536  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 705-8410  
TELEFAX: (415) 397-8338  
INFORMATION FOR SEQ ID NO: 51:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA"

US-08-746-111-51

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3092 TTGCTTTGGGCTGAGAG 3109  
Db 1 TTGCTCTGGGCTGATAG 18

RESULT 366  
US-09-166-186-79/c  
Sequence 79, Application US/09166186A  
Patent No. 6080580  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda  
APPLICANT: Bennett, C. Frank  
APPLICANT: Butler, Madeline M.  
APPLICANT: Shanahan, William R.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- $\alpha$  EXPRESSION  
FILE REFERENCE: ISPH-0322  
CURRENT APPLICATION NUMBER: US/09/166,186A  
CURRENT FILING DATE: 1998-10-05  
NUMBER OF SEQ ID NOS: 250  
SEQ ID NO 79  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: antisense sequence  
US-09-166-186-79

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1661 TCGCTGAGCTCATCGAA 1678  
Db 20 TCGCTGAGCTCAAGGAA 3

RESULT 367  
US-08-751-230-17/c  
Sequence 17, Application US/08751230  
Patent No. 6117633  
GENERAL INFORMATION:  
APPLICANT: Garkavtsev, Igor  
APPLICANT: Rabinowol, Karl  
TITLE OF INVENTION: DNA SEQUENCE ENCODING THE TUMOR  
SUPPRESSOR GENE INGI  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Burns, Doane, Swecker & Mathis  
STREET: 699 Prince Street  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22313-1404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/751,230  
FILING DATE: 15-NOV-1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/569721  
FILING DATE: 08-DEC-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Mool, Leslie A.

```

;
; REGISTRATION NUMBER: 37,047
; REFERENCE/DOCKET NUMBER: 028722-144
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-854-7400
; TELEFAX: 415-854-8275
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-08-751-230-17

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4326 AAGCCTGAGAGACCA 4343
Db      20 AAGCCTGAGAAATCCA 3

RESULT 368
US-09-418-641-32/c
; Sequence 32, Application US/09418641A
; Patent No. 6124133
; GENERAL INFORMATION:
; APPLICANT: Jennifer K. Taylor
; TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
; FILE REFERENCE: RTS-0105
; CURRENT APPLICATION NUMBER: US/09/418,641A
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-418-641-32

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      531 CGGAGCCTGGGCGCCCT 548
Db      18 CGGAGCCTGGGCGCCCT 1

RESULT 369
US-09-499-082-17/c
; Sequence 17, Application US/09499082
; Patent No. 6143522
; GENERAL INFORMATION:
; APPLICANT: Heiding, Karen C.
; APPLICANT: Riadowol, Karl
; APPLICANT: Johnston, Randall N.
; APPLICANT: Garkavtsev, Igor
; TITLE OF INVENTION: METHODS OF MODULATING APOPTOSIS
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Burns, Doane, Swecker & Mathis
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
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```

;
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/499,082
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/828,158
; FILING DATE: 27-MAR-1997
; APPLICATION NUMBER: US 08/751230
; FILING DATE: 15-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/569721
; FILING DATE: 08-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Mool, Leslie A.
; REGISTRATION NUMBER: 37,047
; REFERENCE/DOCKET NUMBER: 028722-148
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-854-7400
; TELEFAX: 650-854-8275
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-09-499-082-17
```

```

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      4326 AAGCCTGAGAGACCA 4343
Db      20 AAGCCTGAGAAATCCA 3
```

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RESULT 370
US-09-444-053-74
; Sequence 74, Application US/09444053A
; Patent No. 6165728
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF NCR-2 EXPRESSION
; FILE REFERENCE: RTS-0122
; CURRENT APPLICATION NUMBER: US/09/444,053A
; CURRENT FILING DATE: 1999-11-19
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-444-053-74
```

```

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      4251 TGAGGAAGTCACTTCCA 4268
Db      3 TGAGGAAGTGGCCCTCCA 20
```

```

RESULT 371
US-09-428-219-82/c
; Sequence 82, Application US/09428219
; Patent No. 6177273
; GENERAL INFORMATION:
```

```

; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN-LINKED KINASE EXPRESSION
; FILE REFERENCE: RTS-0101
; CURRENT APPLICATION NUMBER: US/09/428,219
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-428-219-82

Query Match
0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3077 AGGACTGCAAGACCTTG 3094
DB 18 AGGACTGCAAGACCTTG 1

RESULT 372
US-09-488-671-163
; Sequence 163, Application US/09488671A
; Patent No. 6187545
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
; FILE REFERENCE: RTS-0123
; CURRENT APPLICATION NUMBER: US/09/488,671A
; CURRENT FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 163
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-488-671-163

Query Match
0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2199 CCAAGCTCAGCCATTGGG 2216
DB 3 CCAAGCTCAGCCATTGGG 20

RESULT 373
US-09-313-932-79/C
; Sequence 79, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
;
US-09-313-932-79
```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
;
US-09-313-932-79

Query Match
0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1661 TCGCTGAGCTCATCGGA 1678
DB 20 TCGCTGAGCTCATCGGA 3

RESULT 374
US-09-313-932-306
; Sequence 306, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 306
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
;
US-09-313-932-306

Query Match
0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 ACCTGGAGCAGATGGGG 756
DB 2 ACCTGGAGCAGATGGAGG 19

RESULT 375
US-09-258-372-17/C
; Sequence 17, Application US/09258372
; Patent No. 6238918
; GENERAL INFORMATION:
; APPLICANT: Garkavtsev, Igor
; APPLICANT: Riabowol, Karl
; TITLE OF INVENTION: DNA SEQUENCE ENCODING THE TUMOR
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Burns, Doane, Swecker & Mathis
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/258,372
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
```



```
/ FILE REFERENCE: RTS-0097
/ CURRENT APPLICATION NUMBER: US/09/702,327
/ CURRENT FILING DATE: 2000-10-30
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 54
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-327-54

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3786 TGAGGTAGTTGACAAAGA 3803
DB      1 TGAGGAAGTTGTCAAGA 18

RESULT 380
US-09-792-594-60
/ Sequence 60, Application US/09792594
/ Patent No. 6436706
/ GENERAL INFORMATION:
/ APPLICANT: Donna T. Ward
/ APPLICANT: Andrew T. Watt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL4 EXPRESSION
/ FILE REFERENCE: RTS-0209
/ CURRENT APPLICATION NUMBER: US/09/792,594
/ CURRENT FILING DATE: 2001-02-23
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 60
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-792-594-60

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4635 GGTGCTGGCTGGAACAC 4652
DB      3 GGTGCAAGCTGGGAACAC 20

RESULT 381
US-09-658-679A-53/C
/ Sequence 53, Application US/09658679A
/ Patent No. 6444464
/ GENERAL INFORMATION:
/ APPLICANT: Ian Popoff
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
/ FILE REFERENCE: RTS-0186
/ CURRENT APPLICATION NUMBER: US/09/658,679A
/ CURRENT FILING DATE: 2000-09-08
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 53
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-53

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      576 GGAGAGCTGAAGAGTT 593
DB      19 GCAGAGCTGAAGAGCT 2

RESULT 382
US-09-428-236-9/C
/ Sequence 9, Application US/09428236
/ Patent No. 6472153
/ GENERAL INFORMATION:
/ APPLICANT: Dempsey, Robert, O.
/ APPLICANT: Atonina, Irina A.
/ APPLICANT: Vermeulen, Nicolaas M.
/ TITLE OF INVENTION: HYBRIDIZATION-TRIGGERED FLUORESCENT
/ TITLE OF INVENTION: DETECTION OF NUCLEIC ACIDS
/ FILE REFERENCE: 34469200600
/ CURRENT APPLICATION NUMBER: US/09/428,236
/ CURRENT FILING DATE: 1999-10-26
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 9
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: synthetic construct
US-09-428-236-9

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4392 GCAAGTGAAGAAAGAGAA 4409
DB      19 GCAATTGAAGAAAGAGAA 2

RESULT 383
US-09-501-612A-26
/ Sequence 26, Application US/09501612A
/ Patent No. 6544765
/ GENERAL INFORMATION:
/ APPLICANT: Hjort, Carsten M.
/ APPLICANT: Pedersen, Henrik
/ TITLE OF INVENTION: Oxalacetate Hydrolase Deficient Fungal Host Cells
/ FILE REFERENCE: 5789,200-US
/ CURRENT APPLICATION NUMBER: US/09/501,612A
/ CURRENT FILING DATE: 2000-02-10
/ NUMBER OF SEQ ID NOS: 33
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 26
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-09-501-612A-26

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      847 AGCCAACCCACCTCCACC 864
DB      3 AGCAACCCATCTCCACC 20

RESULT 384
US-09-060-299-344
/ Sequence 344, Application US/09060299
/ Patent No. 6545137
/ GENERAL INFORMATION:
```

```

; APPLICATION NUMBER: 08/751,230
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Wool, Leslie A.
; REGISTRATION NUMBER: 37,047
; REFERENCE/DOCKET NUMBER: 028722-144
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-854-7400
; TELEFAX: 415-854-8275
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-09-258-372-17

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4326 AAGCCTGAGAGACCA 4343
DB      20 AAGCCTGAGAAATCCA 3

RESULT 376
US-09-522-217-15
; Sequence 15, Application US/09522217
; Patent No. 6307024
; GENERAL INFORMATION:
; APPLICANT: No. 6307024ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAL1 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/522,217
; CURRENT FILING DATE: 2000-03-09
; EARLIER APPLICATION NUMBER: US 60/123,547
; EARLIER FILING DATE: 1999-03-09
; EARLIER APPLICATION NUMBER: US 60/123,904
; EARLIER FILING DATE: 1999-03-11
; EARLIER APPLICATION NUMBER: US 60/142,013
; EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PastSeq for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC19572
; US-09-522-217-15

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5157 CCTCTGGCTGTGTACAG 5174
DB      3 CCTGTGGCTGTGTCTCAG 20

RESULT 377
US-09-496-694B-194/c
```

```

; Sequence 194, Application US/09496694B
; Patent No. 6335194
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric B. Swayze
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0439
; CURRENT APPLICATION NUMBER: US/09/496,694B
; CURRENT FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 194
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-496-694B-194

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1466 GAGACTTATTGGCCCG 1483
DB      20 GAGCTGATTGGCCCG 3

RESULT 378
US-08-108-591B-4
; Sequence 4, Application US/08108591B
; Patent No. 6395474
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: IS10540
; CURRENT APPLICATION NUMBER: US/08/108,591B
; CURRENT FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6395474el Sequence
; US-08-108-591B-4

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5404 AAAAAAGAAAAATGAATA 5421
DB      1 AAAAAAGAAAAATGAATA 18

RESULT 379
US-09-702-327-54
; Sequence 54, Application US/09702327
; Patent No. 6426220
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
```

APPLICANT: Todd, John A  
APPLICANT: Hees, John W  
APPLICANT: Caskey, Charles T  
APPLICANT: Cox, Roger D  
APPLICANT: Gerhold, David  
APPLICANT: Hammond, Holly  
APPLICANT: Hey, Patricia  
APPLICANT: Kawaguchi, Yoshihiko  
APPLICANT: Merriman, Tony R  
APPLICANT: Metzker, Michael L  
TITLE OF INVENTION: No. 6545137e1 Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 6545137th Glabe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/060,299  
FILING DATE: 15-APR-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-35  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 816-4091  
TELEFAX: (703) 816-4100  
INFORMATION FOR SEQ ID NO: 344:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-060-299-344

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4793 TCCTGCACCTCAGCAGCT 4810  
|||  
Db 1 TCATGTCACTCAGCAGCT 18

RESULT 385  
US-09-402-923A-344  
Sequence 344, Application US/09402923A  
Patent No. 6555654  
GENERAL INFORMATION:  
APPLICANT: Todd, John A  
Hees, John W  
Caskey, Charles T  
Cox, Roger D  
Gerhold, David  
Hammond, Holly  
Hey, Patricia  
Kawaguchi, Yoshihiko  
Merriman, Tony R  
Metzker, Michael L  
TITLE OF INVENTION: No. 6555654e1 LDL-Receptor

NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 6555654th Glabe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
ZIP: VA 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/402,923A  
FILING DATE: 14-Feb-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB98/01102  
FILING DATE: 15-APR-1998  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-81  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 816-4091  
TELEFAX: (703) 816-4100  
INFORMATION FOR SEQ ID NO: 344:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 344:  
US-09-402-923A-344

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4793 TCCTGCACCTCAGCAGCT 4810  
|||  
Db 1 TCATGTCACTCAGCAGCT 18

RESULT 386  
US-09-198-452A-1502  
Sequence 1502, Application US/09198452A  
Patent No. 6559294  
GENERAL INFORMATION:  
APPLICANT: Griffiths, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198,452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 1502  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-1502

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2487 GACGCTAGAAGCATATGG 2504  
|||

Db 1 GGCTCTAGAGCATATGCG 18

RESULT 387  
US-09-198-452A-2641/C  
Sequence 2641, Application US/09198452A  
Patent No. 6559294  
GENERAL INFORMATION:  
APPLICANT: Griffiths, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
TITLE OF INVENTION: and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198,452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 2641  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-2641

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 558 CTTGAGTTCCTGACGAA 575  
Db 20 CTTGAGTTCCTGATGCA 3

RESULT 388  
US-09-404-641-15  
Sequence 15, Application US/09404641  
Patent No. 6576744  
GENERAL INFORMATION:  
APPLICANT: Presnell, Scott R.  
APPLICANT: Conklin, Darrell C.  
APPLICANT: No. 6576744ak, Julia E.  
APPLICANT: Hammond, Angela K.  
TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11  
FILE REFERENCE: 98-55  
CURRENT APPLICATION NUMBER: US/09/404,641  
CURRENT FILING DATE: 1999-09-23  
PRIOR APPLICATION NUMBER: US 60/100,896  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: US 60/123,546  
PRIOR FILING DATE: 1999-03-09  
PRIOR APPLICATION NUMBER: US 60/142,574  
PRIOR FILING DATE: 1999-07-06  
NUMBER OF SEQ ID NOS: 91  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 15  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide primer ZC19572  
US-09-404-641-15

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5157 CCTGTGCTGTGTCTCAG 5174  
Db 3 CCTGTGCTGTGTCTCAG 20

RESULT 389  
US-09-404-641-17/C  
Sequence 17, Application US/09404641  
Patent No. 6576744

GENERAL INFORMATION:  
APPLICANT: Presnell, Scott R.  
APPLICANT: Conklin, Darrell C.  
APPLICANT: No. 6576744ak, Julia E.  
APPLICANT: Hammond, Angela K.  
TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11  
FILE REFERENCE: 98-55  
CURRENT APPLICATION NUMBER: US/09/404,641  
CURRENT FILING DATE: 1999-09-23  
PRIOR APPLICATION NUMBER: US 60/100,896  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: US 60/123,546  
PRIOR FILING DATE: 1999-03-09  
PRIOR APPLICATION NUMBER: US 60/142,574  
PRIOR FILING DATE: 1999-07-06  
NUMBER OF SEQ ID NOS: 91  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 17  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide primer ZC19657  
US-09-404-641-17

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5157 CCTGTGCTGTGTCTCAG 5174  
Db 18 CCTGTGCTGTGTCTCAG 1

RESULT 390  
US-09-081-385-57  
Sequence 57, Application US/09081385  
Patent No. 6593456  
GENERAL INFORMATION:  
APPLICANT: Gatanaga, T.  
APPLICANT: Granger, G.A.  
TITLE OF INVENTION: Factors Altering Tumor Necrosis  
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods  
TITLE OF INVENTION: of Use Thereof  
NUMBER OF SEQUENCES: 154  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FORSTER  
STREET: 755 PAGE MILL ROAD  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows  
SOFTWARE: FastSeq for Windows Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/081,385  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/964,747  
FILING DATE: 05-NOV-1997  
APPLICATION NUMBER: 60/030,761  
FILING DATE: 06-NOV-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Wu, Frank  
REGISTRATION NUMBER: 41,386  
REFERENCE/DOCKET NUMBER: 22000-20577.21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-813-5600  
TELEFAX: 650-494-0792

```

;
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-081-385-57

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      4937 TTGATGATGCTTGCTG 4954
Db      1 TGGATGATGCTTGCTG 18

RESULT 391
US-09-923-246-15
; Sequence 15 Application US/09923246
; Patent No. 6605272
; GENERAL INFORMATION:
; APPLICANT: No. 6605272ak, Julia E.
; APPLICANT: Preenell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/923.246
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522.217
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PasteSeq for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC19572
;
US-09-923-246-15

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      5157 CCTGTGCTGTGTACAG 5174
Db      3 CCTGTGCTGTGTCTCAG 20

RESULT 392
US-09-907-794A-222
; Sequence 222 Application US/09907794A
; Patent No. 6635468
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Bockstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
```

```

; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907.794A
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 222
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide probe
;
US-09-907-794A-222

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      1211 GCAGGCCCATGGGAG 1228
```

Db 2 GCAGGCCCTCATGGCCAG 19

## RESULT 393

US-09-905-125A-222  
; Sequence 222, Application US/09905125A  
; Patent No. 6664376  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Efron, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerltzen, Mary E.  
; APPLICANT: Goddard, A.  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth, J.  
; APPLICANT: Kijavlin, Ivar J.  
; APPLICANT: Mather, Jennie P.  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William, I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OR INVENTION: Acids Encoding the Same  
; FILE REFERENCE: 10466-14  
; CURRENT APPLICATION NUMBER: US/09/905,125A  
; CURRENT FILING DATE: 2001-07-12  
; PRIOR APPLICATION NUMBER: PCT/US00/04414  
; PRIOR FILING DATE: 2000-02-22  
; PRIOR APPLICATION NUMBER: US 60/143,048  
; PRIOR FILING DATE: 1999-07-07  
; PRIOR APPLICATION NUMBER: US 60/145,698  
; PRIOR FILING DATE: 1999-07-26  
; PRIOR APPLICATION NUMBER: US 60/146,222  
; PRIOR FILING DATE: 1999-07-28  
; PRIOR APPLICATION NUMBER: PCT/US99/20594  
; PRIOR FILING DATE: 1999-09-08  
; PRIOR APPLICATION NUMBER: PCT/US99/20944  
; PRIOR FILING DATE: 1999-09-13  
; PRIOR APPLICATION NUMBER: PCT/US99/21090  
; PRIOR FILING DATE: 1999-09-15  
; PRIOR APPLICATION NUMBER: PCT/US99/21547  
; PRIOR FILING DATE: 1999-09-15  
; PRIOR APPLICATION NUMBER: PCT/US99/23089  
; PRIOR FILING DATE: 1999-10-05  
; PRIOR APPLICATION NUMBER: PCT/US99/28214  
; PRIOR FILING DATE: 1999-11-29  
; PRIOR APPLICATION NUMBER: PCT/US99/28313  
; PRIOR FILING DATE: 1999-11-30  
; PRIOR APPLICATION NUMBER: PCT/US99/28564  
; PRIOR FILING DATE: 1999-12-02  
; PRIOR APPLICATION NUMBER: PCT/US99/28565  
; PRIOR FILING DATE: 1999-12-02  
; PRIOR APPLICATION NUMBER: PCT/US99/30095  
; PRIOR FILING DATE: 1999-12-16  
; PRIOR APPLICATION NUMBER: PCT/US99/30911  
; PRIOR FILING DATE: 1999-12-20  
; PRIOR APPLICATION NUMBER: PCT/US99/30999  
; PRIOR FILING DATE: 1999-12-20  
; PRIOR APPLICATION NUMBER: PCT/US00/00219  
; PRIOR FILING DATE: 2000-01-05

; NUMBER OF SEQ ID NOS: 423

; SEQ ID NO 222

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-905-125A-222

Query Match

Best Local Similarity 88.9%; Score 14.8; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1211 GCAGGCCCTCATGGCCAG 1228

Db 2 GCAGGCCCTCATGGCCAG 19

## RESULT 394

US-10-295-723-15

; Sequence 15, Application US/10295723

; Patent No. 6686178

; GENERAL INFORMATION:

; APPLICANT: No. 6686178at, Julia E.

; APPLICANT: Presnell, Scott R.

; APPLICANT: Sprecher, Cindy A.

; APPLICANT: Foster, Donald C.

; APPLICANT: Holly, Richard D.

; APPLICANT: Gross, Jane A.

; APPLICANT: Johnston, Janet V.

; APPLICANT: Nelson, Andrew J.

; APPLICANT: Dillon, Stacey R.

; APPLICANT: Hammond, Angela K.

; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAL1 LIGAND

; FILE REFERENCE: 99-16

; CURRENT APPLICATION NUMBER: US/10/295,723

; CURRENT FILING DATE: 2002-11-15

; PRIOR APPLICATION NUMBER: 09/522,217

; PRIOR FILING DATE: 2000-03-09

; PRIOR APPLICATION NUMBER: US 60/123,547

; PRIOR FILING DATE: 1999-03-09

; PRIOR APPLICATION NUMBER: US 60/123,904

; PRIOR FILING DATE: 1999-03-11

; PRIOR APPLICATION NUMBER: US 60/142,013

; PRIOR FILING DATE: 1999-07-01

; NUMBER OF SEQ ID NOS: 115

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 15

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; OTHER INFORMATION: Oligonucleotide primer ZC19572

US-10-295-723-15

Query Match

Best Local Similarity 88.9%; Score 14.8; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5157 CCTCTGGCTGTGTCTCAG 5174

Db 3 CCTGTGGCTGTGTCTCAG 20

## RESULT 395

US-09-902-775A-222

; Sequence 222, Application US/09902775A

; Patent No. 6686451

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerltzen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Goddard, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kijavon, Ivar J.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paonl, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/902,775A  
PRIOR FILING DATE: 2001-07-10  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16  
PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US00/00219  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 423  
SEQ ID NO 222  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: oligonucleotide probe  
US-09-902-775A-222

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 1211 GCAGCCCCCATGGGCGAG 1228  
Db 2 GCAGCCCCCATGGGCGAG 19  
RESULT 396  
US-10-414-186-15  
Sequence 15: Application US/10414186  
Patent No. 6692924  
GENERAL INFORMATION:  
APPLICANT: Presnell, Scott R.  
APPLICANT: Conklin, Darrell C.  
APPLICANT: No. 6692924ak, Julia E.  
APPLICANT: Hammond, Angela K.  
TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11  
FILE REFERENCE: 98-55  
CURRENT APPLICATION NUMBER: US/10/414,186  
CURRENT FILING DATE: 2003-04-14  
PRIOR APPLICATION NUMBER: US/09/404,641  
PRIOR FILING DATE: 1999-09-23  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/100,896  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,546  
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,574  
NUMBER OF SEQ ID NOS: 91  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 17  
LENGTH: 20  
TYPE: DNA  
Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 5157 CCTCTGGCTGTCTCAG 5174  
Db 3 CCTCTGGCTGTCTCAG 20  
RESULT 397  
US-10-414-186-17/c  
Sequence 17: Application US/10414186  
Patent No. 6692924  
GENERAL INFORMATION:  
APPLICANT: Presnell, Scott R.  
APPLICANT: Conklin, Darrell C.  
APPLICANT: No. 6692924ak, Julia E.  
APPLICANT: Hammond, Angela K.  
TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11  
FILE REFERENCE: 98-55  
CURRENT APPLICATION NUMBER: US/10/414,186  
CURRENT FILING DATE: 2003-04-14  
PRIOR APPLICATION NUMBER: US/09/404,641  
PRIOR FILING DATE: 1999-09-23  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/100,896  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,546  
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,574  
NUMBER OF SEQ ID NOS: 91  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 17  
LENGTH: 20  
TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide primer ZC19657  
US-10-414-186-17

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5157 CCTGTGAGTGTGTACAG 5174  
DB 18 CCTGTGAGTGTGTCTCAG 1

RESULT 398  
US-08-468-719A-4  
Sequence 4, Application US/08468719A  
Patent No. 6710163  
GENERAL INFORMATION:  
APPLICANT: Buchardt, Ole  
APPLICANT: Egholm, Michael  
APPLICANT: Nielsen, Peter E.  
APPLICANT: Berg, Rolf H.  
TITLE OF INVENTION: PEPTIDE NUCLEIC ACIDS SYNTHONS  
FILE REFERENCE: ISPS-1999  
CURRENT APPLICATION NUMBER: US/08/468,719A  
CURRENT FILING DATE: 1995-06-06  
PRIOR APPLICATION NUMBER: US 08/108,591  
PRIOR FILING DATE: 1993-11-22  
NUMBER OF SEQ ID NOS: 48  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 4  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide Primer  
US-08-468-719A-4

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5404 AAAAAGAAAAATGAAA 5421  
DB 1 AAAAAGAAAAATGAAA 18

RESULT 399  
US-08-462-977B-4  
Sequence 4, Application US/08462977B  
Patent No. 6713602  
GENERAL INFORMATION:  
APPLICANT: Buchardt, Ole  
APPLICANT: Egholm, Michael  
APPLICANT: Nielsen, Peter E.  
APPLICANT: Berg, Rolf Henrik  
TITLE OF INVENTION: Peptide Nucleic Acids  
FILE REFERENCE: ISIS-1993  
CURRENT APPLICATION NUMBER: US/08/462,977B  
CURRENT FILING DATE: 1995-06-05  
PRIOR APPLICATION NUMBER: 08/108,591  
PRIOR FILING DATE: 1993-11-22  
NUMBER OF SEQ ID NOS: 43  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 4  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
OTHER INFORMATION: No. 6713602el Sequence  
US-08-462-977B-4

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5404 AAAAAGAAAAATGAAA 5421  
DB 1 AAAAAGAAAAATGAAA 18

RESULT 400  
US-09-906-700-222  
Sequence 222, Application US/09906700  
Patent No. 6723535  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Rong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerlitsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Hillen, Kenneth, J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
Acids Encoding the Same  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/906,700  
CURRENT FILING DATE: 2000-09-18  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16



PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US00/00219  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 423  
SEQ ID NO 222  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-906-700-222

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 GCAGCCCCCATGGCAG 1228  
Db 2 GCAGCCCTCATGGCCAG 19

RESULT 401  
US-09-532-868-17/c  
Sequence 17, Application US/09532868  
Patent No. 6747133  
GENERAL INFORMATION:  
APPLICANT: Garkavtsev, Igor  
APPLICANT: Ribabowol, Karl  
TITLE OF INVENTION: DNA SEQUENCE ENCODING THE TUMOR  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Burns, Doane, Swecker & Mathis  
STREET: 699 Prince Street  
City: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22313-1404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/532,868  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/751,230  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Mool, Leslie A.  
REGISTRATION NUMBER: 37,047  
REFERENCE/DOCKET NUMBER: 028722-144  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-854-7400  
TELEFAX: 415-854-8275  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-09-532-868-17

Query Match 0.3%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4326 AACCCCTGAGAGACCA 4343  
Db 20 AACCCCTGAGAGATCCA 3

RESULT 402  
US-09-903-603A-222  
Sequence 222, Application US/09903603A  
Patent No. 6767995  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerltzen, Mary B.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Mathier, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tuma, Daniel  
APPLICANT: Williams, P. Mickey  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: GNE.1618P2C12  
CURRENT APPLICATION NUMBER: US/09/903,603A  
CURRENT FILING DATE: 2001-07-11  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16  
PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20

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; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 222
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-903-603A-222

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1211 GCAGGCCCCCAGGCGAG 1228
DB      2 GCAGGCCCCCTATGCGCCAG 19

RESULT 403
US-08-927-219-21
; Sequence 21, Application US/08927219
; Patent No. 6187533
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Naohisa
; APPLICANT: Katsaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; TITLE OF INVENTION: AND HNF-4ALPHA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,219
; FILING DATE: 02-OCT-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,679
; FILING DATE: 30-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
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; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-927-219-21

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4280 TCCCAAGTACTGCTCCA 4297
DB      4 TCCCTAGAGACTGCTCCA 21

RESULT 404
US-08-927-219-22/c
; Sequence 22, Application US/08927219
; Patent No. 6187533
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Naohisa
; APPLICANT: Katsaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; TITLE OF INVENTION: AND HNF-4ALPHA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,219
; FILING DATE: 02-OCT-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,679
; FILING DATE: 30-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-927-219-22

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 4280 TCCCAAGTACTGCTCCA 4297  
Db 18 TCCCTAGGAGCTGTCCA 1

RESULT 405  
US-09-210-896-21/c  
Sequence 21, Application US/09210896  
Patent No. 6271344  
GENERAL INFORMATION:  
APPLICANT: Turley, Eva A.  
TITLE OF INVENTION: Enhanced Affinity Hyaluronan Binding  
TITLE OF INVENTION: Peptides  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BRRESKIN & PARR  
STREET: 40 King Street, West  
CITY: Toronto  
STATE: Ontario  
COUNTRY: Canada  
ZIP: M5H 3Y2  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/210,896  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/068,285  
FILING DATE: 19-DEC-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Gravelle, Michelle  
REGISTRATION NUMBER: 40,261  
REFERENCE/DOCKET NUMBER: 7841-81  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (416) 364-7311  
TELEFAX: (416) 361-1398  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-09-210-896-21

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2384 TCATTCACTCTGTTC 2401  
Db 21 TCTTTCACCTCTGTACC 4

RESULT 406  
US-08-891-292A-30  
Sequence 30, Application US/08891292A  
Patent No. 631892  
GENERAL INFORMATION:  
APPLICANT: Barany, Francis  
APPLICANT: Luo, JiaYing  
APPLICANT: Khanna, Marilyn  
APPLICANT: Bergstrom, Donald B.  
TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY  
TITLE OF INVENTION: LIGASE DETECTION REACTION  
FILE REFERENCE: 19603/457  
CURRENT APPLICATION NUMBER: US/08/891,292A  
CURRENT FILING DATE: 1997-07-10  
PRIOR APPLICATION NUMBER: 60/022,535

PRIOR FILING DATE: 1996-07-19  
NUMBER OF SEQ ID NOS: 96  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 30  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer for  
US-08-891-292A-30

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4217 CCTCTGCGGTGTGCTT 4234  
Db 4 CGTCTGCGGTGTGCTT 21

RESULT 407  
US-09-422-978-10680/c  
Sequence 10680, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Blumenfeld, Marla  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET.020CP1  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 10680  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..21  
OTHER INFORMATION: downstream amplification primer 99-19142 for SEQ 2815, in compleme  
US-09-422-978-10680

Query Match 0.3%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 TGGAGTTCCTGAAGAAG 577  
Db 18 TGGAGTTCCTGAAGAAG 1

RESULT 408  
US-09-927-737C-30  
Sequence 30, Application US/09927737C  
Patent No. 657653  
GENERAL INFORMATION:  
APPLICANT: Barany, Francis  
APPLICANT: Luo, JiaYing  
APPLICANT: Khanna, Marilyn  
APPLICANT: Bergstrom, Donald B.  
TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY  
TITLE OF INVENTION: LIGASE DETECTION REACTION  
FILE REFERENCE: 19603/459  
CURRENT APPLICATION NUMBER: US/09/927,737C  
CURRENT FILING DATE: 2001-08-10

```

; PRIOR APPLICATION NUMBER: 60/022,535
; PRIOR FILING DATE: 1996-07-19
; PRIOR APPLICATION NUMBER: 08/891,292
; PRIOR FILING DATE: 1997-07-19
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer for
US-09-927-737C-30

Query Match
Best Local Similarity 88.9%; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4217 CCTCTGTGTGTTGCTTT 4234
Db 4 CGTCTGGGTGTGCTTT 21

RESULT 409
US-09-657-472-158
; Sequence 158, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 158
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-158

Query Match
Best Local Similarity 80.0%; DB 1; Length 21;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 4670 GGAAGCTGTTCAGCTTGAGC 4689
Db 1 GGAACCTGTTACATAGAGC 20

RESULT 410
US-09-657-472-189/C
; Sequence 189, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
```

```

; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 189
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-189

Query Match
Best Local Similarity 80.0%; DB 1; Length 21;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5053 GCAGACCTCATAGAGCTCA 5072
Db 21 GCAGACCTCATAGAGCTCA 2

RESULT 411
US-09-657-472-316/C
; Sequence 316, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 316
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-316

Query Match
Best Local Similarity 80.0%; DB 1; Length 21;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3459 TCAGCTGCTCATTTGAGCA 3478
Db 21 TCAGCTGCTCTCTCTCTCA 2

RESULT 412
US-09-657-472-622
; Sequence 622, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
```

```

; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 622
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-622

```

```

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy      2645 AGCTGCTGCTGACGACAC 2664
Db      1 AGCTGCTGACGCGCCACAC 20

```

```

RESULT 413
US-09-657-472-1947/c
; Sequence 1947, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1947
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1947

```

```

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy      1798 CTCGTCTGCACTGAGCCA 1817
Db      20 CTCCTCTGYACTGAGACA 1

```

```

RESULT 414
US-09-657-472-2191/c
; Sequence 2191, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:

```

```

; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2191
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-2191

```

```

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy      1559 AGGTGAAGAAAGCTGGCGG 1578
Db      21 AGGTGAAGAGCAATGGCG 2

```

```

RESULT 415
US-09-657-472-2297/c
; Sequence 2297, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2297
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-2297

```

```

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy      1110 TTCTGAGCTTGGAGCTCAA 129
Db      21 TGCTGAGCTTGGACCTCAA 2

```

```

RESULT 416
US-09-492-361-6/c

```

```
; Sequence 6, Application US/09492361
; Patent No. 6794161
; GENERAL INFORMATION:
; APPLICANT: JENTSCH, Thomas J.
; TITLE OF INVENTION: NOVEL POTASSIUM CHANNELS AND GENES ENCODING THESE
; TITLE OF INVENTION: POTASSIUM CHANNELS
; FILE REFERENCE: 2815-127P
; CURRENT APPLICATION NUMBER: US/09/492,361
; CURRENT FILING DATE: 2000-01-27
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
; US-09-492-361-6

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      909 CCAGGCTCAGAGGAG 926
Db      21 CCATGCTCAGAGGAG 4

RESULT 417
; US-08-367-069-10/c
; Sequence 10, Application US/08367069
; Patent No. 5811538
; GENERAL INFORMATION:
; APPLICANT: Timothy A. Riley
; APPLICANT: Mark A. Reynolds
; APPLICANT: Lloyd R. Snyder
; APPLICANT: Robert E. Klem
; TITLE OF INVENTION: IMPROVED PROCESS FOR THE
; TITLE OF INVENTION: PURIFICATION OF OLIGOMERS
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/367,069
; FILING DATE: December 30, 1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/176,851
; FILING DATE: 30 December 1993
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: BIGGS, SUZANNE L.
; REGISTRATION NUMBER: 30,158
; REFERENCE/DOCKET NUMBER: 210/209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 10:
```

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-367-069-10

Query Match      0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAG 1195
Db      16 AGAGAGAGAGAGAG 1

RESULT 418
; US-08-885-126-7/c
; Sequence 7, Application US/08885126A
; Patent No. 5955597
; GENERAL INFORMATION:
; APPLICANT: Arnold, Lyle J.
; APPLICANT: Riley, Timothy A.
; APPLICANT: Reynolds, Mark A.
; APPLICANT: Schwartz, David A.
; TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
; TITLE OF INVENTION: OLIGOMERS
; FILE REFERENCE: GENTA.020FW2
; CURRENT APPLICATION NUMBER: US/08/885,126A
; CURRENT FILING DATE: 1997-06-30
; EARLIER APPLICATION NUMBER: 08/343,018
; EARLIER FILING DATE: 1994-11-21
; EARLIER APPLICATION NUMBER: 08/154,013
; EARLIER FILING DATE: 1993-11-16
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Chemically synthesized oligomer
; US-08-885-126-7

Query Match      0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAG 1195
Db      16 AGAGAGAGAGAGAG 1

RESULT 419
; US-08-885-126-8
; Sequence 8, Application US/08885126A
; Patent No. 5955597
; GENERAL INFORMATION:
; APPLICANT: Arnold, Lyle J.
; APPLICANT: Riley, Timothy A.
; APPLICANT: Reynolds, Mark A.
; APPLICANT: Schwartz, David A.
; TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
; TITLE OF INVENTION: OLIGOMERS
; FILE REFERENCE: GENTA.020FW2
; CURRENT APPLICATION NUMBER: US/08/885,126A
; CURRENT FILING DATE: 1997-06-30
; EARLIER APPLICATION NUMBER: 08/343,018
; EARLIER FILING DATE: 1994-11-21
; EARLIER APPLICATION NUMBER: 08/154,013
; EARLIER FILING DATE: 1993-11-16
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
```

SEQ ID NO 8  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Chemically synthesized oligomer  
US-08-885-126-8

Query Match 0.3%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 4.3e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAG 1195  
Db 1 AGAGAGAGAGAGAGAG 16

RESULT 420  
US-08-941-445A-28  
Sequence 28, Application US/08941445A  
Patent No. 6107060  
GENERAL INFORMATION:  
APPLICANT: Keeling, Peter  
APPLICANT: Guan, Haining  
TITLE OF INVENTION: Search Encapsulation  
NUMBER OF SEQUENCES: 37  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Greenlee, Winner and Sullivan, P.C.  
STREET: 5370 Manhattan Circle  
CITY: Boulder  
STATE: CO  
COUNTRY: US  
ZIP: 80303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/941,445A  
FILING DATE: 30-SEP-1997  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/026,855  
FILING DATE: 30-SEP-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Winner, Ellen P  
REGISTRATION NUMBER: 28,547  
REFERENCE/DOCKET NUMBER: 89-97  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (303) 499-8080  
TELEFAX: (303) 499-8089  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: not relevant  
MOLECULAR TYPE: cDNA to mRNA  
US-08-941-445A-28

Query Match 0.3%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 4.3e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAG 1195  
Db 1 AGAGAGAGAGAGAGAG 16

RESULT 421  
US-09-266-409-8  
Sequence 8, Application US/09266409

Patent No. 6225061  
GENERAL INFORMATION:  
APPLICANT: Becker, Thomas  
APPLICANT: Sequenom, Inc.  
TITLE OF INVENTION: Systems and Methods for Performing Reactions in an Unsealed  
FILE REFERENCE: Sequence listing for 24736-2023  
Patent No. 6225061  
CURRENT APPLICATION NUMBER: US/09/266,409  
CURRENT FILING DATE: 1999-03-10  
NUMBER OF SEQ ID NOS: 8  
SOFTWARE: Patent in Ver. 2.0  
SEQ ID NO 8  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic primer

Query Match 0.3%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 4.3e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4738 GAGACCATCTCACC 4753  
Db 1 GAGGCCATCTCACC 16

RESULT 422  
US-09-411-862A-21/C  
Sequence 21, Application US/09411862A  
Patent No. 6348583  
GENERAL INFORMATION:  
APPLICANT: David Segev  
TITLE OF INVENTION: POLY(ETHER-THIOETHER), POLY(ETHER-SULFOXIDE) AND POLY(ETHER-SULFONE) NUCLEIC  
ACIDS  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sol Sheindeln c/o Anthony Castorina  
STREET: 2001 Jefferson Davis Highway, Suite 207  
CITY: Arlington  
STATE: Virginia  
COUNTRY: United States of America  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk  
COMPUTER: Twinhead\* Slimnote-890TX  
OPERATING SYSTEM: MS DOS version 6.2,  
Windows version 3.11  
SOFTWARE: Word for Windows version 2.0 converted to  
an ASCII file  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/411,862A  
FILING DATE: 04-Oct-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/384,995  
FILING DATE: 20 AUG 1999  
ATTORNEY/AGENT INFORMATION:  
NAME: Sol Sheindeln  
REGISTRATION NUMBER: 25,457  
REFERENCE/DOCKET NUMBER: 00/20719 (previously 513/13)  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 972-3-6127676  
TELEFAX: 972-3-6127575  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 21:

```

; SEQUENCE CHARACTERISTICS:
;   LENGTH: 16
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-411-862A-21

Query Match      0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAG 1195
Db      16 AGAGAGAGAGAGAGAGAG 1

RESULT 423
US-09-411-862A-22
; Sequence 22, Application US/09411862A
; Patent No. 6348583
; GENERAL INFORMATION:
;   APPLICANT: David Segev
;   TITLE OF INVENTION: POLY(ETHER-THIOETHER), POLY(ETHER-
;   SULFOXIDE) AND POLY(ETHER-SULFONE) NUCLEIC
;   ACIDS
;   NUMBER OF SEQUENCES: 22
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Sol Sheindeln c/o Anthony Castorina
;   STREET: 2001 Jefferson Davis Highway, Suite 207
;   CITY: Arlington
;   STATE: Virginia
;   COUNTRY: United States of America
;   ZIP: 22202
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
;   COMPUTER: Twinhead Slimnote-890TX
;   OPERATING SYSTEM: MS DOS version 6.2,
;   Windows version 3.11
;   SOFTWARE: Word for Windows version 2.0 converted to
;   an ASCII file
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/411,862A
;   FILING DATE: 04-Oct-1999
;   CLASSIFICATION: <Unknown>
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: 09/384,995
;   FILING DATE: 20 AUG 1999
;   ATTORNEY/AGENT INFORMATION:
;   NAME: Sol Sheindeln
;   REGISTRATION NUMBER: 25,457
;   REFERENCE/DOCKET NUMBER: 00/20719 (previously 513/13)
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 972-3-6127676
;   TELEFAX: 972-3-6127575
;   TELEX: <Unknown>
;   INFORMATION FOR SEQ ID NO: 22:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 16
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;   SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-411-862A-22

Query Match      0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1181 GAGAAAGAGAGAGA 1196
Db      1 GAGAGAGAGAGAGA 16
```

```

RESULT 424
US-09-678-620-8
; Sequence 8, Application US/09678620
; Patent No. 6485913
; GENERAL INFORMATION:
;   APPLICANT: Becker, Thomas
;   APPLICANT: Hubert Kuster
;   APPLICANT: Charles Cantor
;   TITLE OF INVENTION: Systems and Methods for Performing Reactions in an Unsealed
;   TITLE OF INVENTION: Environment
;   FILE REFERENCE: Sequence listing for 24736-2023B
;   Patent No. 6485913
;   CURRENT APPLICATION NUMBER: US/09/678,620
;   CURRENT FILING DATE: 2000-10-02
;   PRIOR APPLICATION NUMBER: 09/266,409
;   PRIOR FILING DATE: 1999-03-10
;   NUMBER OF SEQ ID NOS: 8
;   SOFTWARE: Patentin Ver. 2.0
;   SEQ ID NO 8
;   LENGTH: 16
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: Synthetic primer
;   NAME/KEY: primer bind
;   LOCATION: (1)..(16)
;   OTHER INFORMATION: Sequencing primer for exon 7 of human p53 gene
US-09-678-620-8

Query Match      0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4738 GAGAGCCATCTCACC 4753
Db      1 GAGGCCATCTCACC 16

RESULT 425
US-08-885-126-4/C
; Sequence 4, Application US/08885126A
; Patent No. 5955597
; GENERAL INFORMATION:
;   APPLICANT: Arnold, Lyle J.
;   APPLICANT: Riley, Timothy A.
;   APPLICANT: Reynolds, Mark A.
;   APPLICANT: Schwartz, David A.
;   TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
;   TITLE OF INVENTION: OLIGOMERS
;   FILE REFERENCE: GENTA.020FW2
;   CURRENT APPLICATION NUMBER: US/08/885,126A
;   CURRENT FILING DATE: 1997-06-30
;   EARLIER APPLICATION NUMBER: 08/343,018
;   EARLIER FILING DATE: 1994-11-21
;   EARLIER APPLICATION NUMBER: 08/154,013
;   EARLIER FILING DATE: 1993-11-16
;   NUMBER OF SEQ ID NOS: 22
;   SOFTWARE: FastSeq for Windows Version 3.0
;   SEQ ID NO 4
;   LENGTH: 17
;   TYPE: RNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Chemically synthesized oligomer
US-08-885-126-4

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAG 1195
Db      1 GAGAGAGAGAGAGA 16
```



Db 16 AGAGAGAGAGAGAG 1

## RESULT 426

US-08-985-126-17/c  
Sequence 17, Application US/08865126A  
Patent No. 5955597  
GENERAL INFORMATION:  
APPLICANT: Arnold, Lyle J.  
APPLICANT: Riley, Timothy A.  
APPLICANT: Reynolds, Mark A.  
APPLICANT: Schwartz, David A.  
TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE  
FILE REFERENCE: GENTA.020FM2  
CURRENT APPLICATION NUMBER: US/08/865,126A  
CURRENT FILING DATE: 1997-06-30  
EARLIER APPLICATION NUMBER: 08/343,018  
EARLIER FILING DATE: 1994-11-21  
EARLIER APPLICATION NUMBER: 08/154,013  
EARLIER FILING DATE: 1993-11-16  
NUMBER OF SEQ ID NOS: 22  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 17  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: Chemically synthesized oligomer  
US-08-985-126-17

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1180 AGAGAAAGAGAGAG 1195

Db 16 AGAGAGAGAGAGAG 1

## RESULT 427

US-08-985-162-565/c  
Sequence 565, Application US/08985162  
Patent No. 6057156  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476

FILING DATE: 31 January 1997

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 230/107

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 565:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-985-162-565

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 778 GCCCAGAGAGGCGAG 793

Db 16 GCCCAGAGAGGCGAG 1

## RESULT 428

US-09-371-772B-6930  
Sequence 6930, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Scinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: M8H00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6930  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-6930

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 199 CCACACCCCATCTGCC 214

Db 2 CCACACCCCAACUCCC 17

## RESULT 429

US-09-371-772B-6932  
Sequence 6932, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Scinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

```
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6932
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-6932

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      200 CACACCCCATCTCCG 215
Db      1 CACACCCCAACUCCG 16

RESULT 430
; US-09-401-063-565/c
; Sequence 565, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 565:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
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```
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-565

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      778 GCCCAGAGAGGACAG 793
Db      16 GCCCAGAGAGGACAG 1

RESULT 431
; US-09-866-108A-1892
; Sequence 1892, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: UI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ABOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1892
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1892

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3255 CCAGACCTGCGCTCT 3270
Db      2 CCAGACCTGCGCTCT 17

RESULT 432
; US-09-866-108A-1893
; Sequence 1893, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
```

```

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1893
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1893

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservatve 0; Mismatches 1; Indels 0; Gaps 0;

QY      3255 CGAGACTGGCTCTCT 3270
Db      1 CGAGACTGGCTCTCT 16

RESULT 433
US-09-866-108A-1894
; Sequence 1894, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
```

```

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1894
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1894

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservatve 0; Mismatches 1; Indels 0; Gaps 0;

QY      3257 AGGACTGGCTCTCT 3272
Db      2 AGGACTGGCTCTCT 17

RESULT 434
US-09-866-108A-1895
; Sequence 1895, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1895
```

```

; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1895
```

```

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      3257 AGGACCTGGCCTCTGT 3272
Db      1 AGGACCTGGCCTCTCT 16
```

```

RESULT 435
US-09-866-108A-6112/c
; Sequence 6112, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6112
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6112
```

```

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      2133 GGAATACTCACCTG 2148
Db      17 GGAATACTCACCTG 2
```

```

RESULT 436
US-09-866-108A-6113/c
; Sequence 6113, Application US/09866108A
; Patent No. 6686188
```

```

; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6113
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6113

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      2133 GGAATACTCACCTG 2148
Db      16 GGAATACTCACCTG 1
```

```

RESULT 437
US-09-866-108A-6199/c
; Sequence 6199, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2000-09-27
```

```

; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6199
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6199

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      900 GGGGTGCACCCAGGC 915
Db      17 GGGGTGCATCAGGC 2

RESULT 438
US-09-866-108A-6200/c
; Sequence 6200, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
```

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; SEQ ID NO 6200
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6200

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      900 GGGGTGCACCCAGGC 915
Db      16 GGGGTGCATCAGGC 1

RESULT 439
US-09-866-108A-6257/c
; Sequence 6257, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6257
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6257

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1475 TTGGCCAGGCTGGA 1490
Db      17 TTGGCCCGGCTGGA 2

RESULT 440
US-09-866-108A-6258/c
; Sequence 6258, Application US/09866108A
```

```
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: A60MICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: A60MICA Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6258
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-6258

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1475 TTGGCCAGGCTGGA 1480
DB      16 TTGGCCAGGCTGGA 1

RESULT 441
US-09-866-108A-7409
/ Sequence 7409, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: A60MICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
```

```
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: A60MICA Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 7409
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-7409

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      658 GAGACAGCAGTGGCA 673
DB      2 GAGACAGCAGTGGCA 17

RESULT 442
US-09-866-108A-7410
/ Sequence 7410, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: A60MICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: A60MICA Sequence Listing Engine
```

; Patent No. 6686188  
; SEQ ID NO 7410  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-7410

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 658 GAGAGAGAGAGTGGCA 673  
Db 1 GAGCAGCAGAGTGGCA 16

RESULT 443  
US-09-866-108A-7797/c  
; Sequence 7797, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wenheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 7797  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-7797

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2644 CAGCTGCTGCTGAGC 2659  
Db 17 CAGCTGCTGCTGAGC 2

RESULT 444  
US-09-866-108A-7798/c

; Sequence 7798, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wenheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 7798  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-7798

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2644 CAGCTGCTGCTGAGC 2659  
Db 16 CAGCTGCTGCTGAGC 1

RESULT 445  
US-09-385-219A-86/c  
; Sequence 86, Application US/09385219A  
; Patent No. 6720181  
; GENERAL INFORMATION:  
; APPLICANT: Chaur, D.  
; APPLICANT: Pagano, M.  
; APPLICANT: Latres, B.  
; TITLE OF INVENTION: NOVEL UBIQUITIN LIGASES AS THERAPEUTIC TARGETS  
; FILE REFERENCE: 5914-081  
; CURRENT FILING DATE: 1999-08-27  
; PRIOR FILING DATE: 1999-08-27  
; PRIOR APPLICATION NUMBER: US/09/385,219A  
; PRIOR FILING DATE: 1998-08-28  
; PRIOR APPLICATION NUMBER: 60/098,355  
; PRIOR FILING DATE: 1999-02-03  
; PRIOR APPLICATION NUMBER: 60/118,568  
; PRIOR FILING DATE: 1999-03-15  
; PRIOR APPLICATION NUMBER: 60/124,449  
; NUMBER OF SEQ ID NOS: 90  
; SOFTWARE: Patentm Ver. 2.0

SEQ ID NO 86  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:  
US-09-385-219A-86

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 482 TGGAAACATCCCCAG 497  
DB 17 TGAGAACATCCCCAG 2

RESULT 446  
PCT-US93-07603-5  
Sequence 5, Application PC/RUS9307603  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OR INVENTION: NUCLEIC ACID RECOGNITION AND TRANSPORT  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.  
STREET: 600 Atlantic Avenue  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: United States of America  
ZIP: 02210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/07603  
FILING DATE: 19930813  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/930,087  
FILING DATE: 14-AUG-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Gates, Edward R.  
REGISTRATION NUMBER: 31,616  
REFERENCE/DOCKET NUMBER: M0636/7007W0  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-720-3500  
TELEFAX: 617-720-2441  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other nucleic acid  
DESCRIPTION: Nucleotides 1-16 are ribonucleotides  
DESCRIPTION: and nucleotide 17 is a deoxyribonucleotide.  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PCT-US93-07603-5

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAG 1195  
DB 1 AGAGAGAGAGAGAG 16

RESULT 447  
US-07-976-103A-11/c  
Sequence 11, Application US/07976103A  
Patent No. 5645985  
GENERAL INFORMATION:  
APPLICANT: FROEHLER, BRIAN  
APPLICANT: WAGNER, RICK  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, ROBERT J.  
APPLICANT: GUTIERREZ, ARNOLD J.  
APPLICANT: PUDLO, JEFF  
TITLE OR INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GILRAD SCIENCES, INC.  
STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/976,103A  
FILING DATE: 25-NOV-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: MOENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 162.3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 573-4712  
TELEFAX: (415) 573-4899  
TELEX:  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-976-103A-11

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGA 1196  
DB 16 GAAAAAGAGAGAGA 1

RESULT 448  
US-08-363-240A-1085/c  
Sequence 1085, Application US/08363240A  
Patent No. 5705388  
GENERAL INFORMATION:  
APPLICANT: Couture, Larry  
APPLICANT: McSwiggen, James  
APPLICANT: Blesgater, Charles  
APPLICANT: Pape, Michael  
TITLE OR INVENTION: METHOD AND REAGENT FOR  
PREVENTION, INHIBITION OF  
PROGRESSION AND REGRESSION  
OF VASCULAR DISEASES  
NUMBER OF SEQUENCES: 1243  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700



CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/363,240A  
FILING DATE: December 23, 1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 210/096  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1085:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-363-240A-1085

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1928 CTTTGAGCAGCAGC 1943  
Db 16 CTTTGAGCAGCAGC 1

RESULT 449  
US-08-321-613-5/c  
Sequence 5, Application US/08321613  
Patent No. 5789247  
GENERAL INFORMATION:  
APPLICANT: BALAY, ANNICK  
APPLICANT: BOPEA, GEORGES  
APPLICANT: CARTRON, JEAN-PIERRE  
APPLICANT: CHRETEIN, STANY  
APPLICANT: LAMBIN, PATRICK  
APPLICANT: LOPEZ, CLAUDE  
APPLICANT: SALMON, CHARLES  
TITLE OF INVENTION: EXPRESSION IN NON-TUMORAL HUMAN  
TITLE OF INVENTION: LYMPHOBLASTOID LINES WITH AN INTEGRATIVE VECTOR  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH  
STREET: PO BOX 747  
CITY: FALLS CHURCH  
STATE: VA  
COUNTRY: USA  
ZIP: 22040-0747  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/321,613  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:

NAME: SVENSSON, LEONARD R  
REGISTRATION NUMBER: 30,330  
REFERENCE/DOCKET NUMBER: 1217-130  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 205-8000  
TELEFAX: (703) 205-8050  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-08-321-613-5

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 202 CACCCATCTCCGTC 217  
Db 17 CACCCATCTCCGCC 2

RESULT 450  
US-08-311-486C-1148/c  
Sequence 1148, Application US/08311486C  
Patent No. 581300  
GENERAL INFORMATION:  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisch  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TNF-  
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: Including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1148:

TWO

SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-486C-1148

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 CTGAGAGCTCTGAG 26  
Db 18 CTGAGAGCTCTGAG 3

RESULT 451  
US-08-473-481-11/C  
Sequence 11, Application US/08473481

PATENT INFORMATION:  
PATENT NO. 5830653  
APPLICANT: FROEHLER, BRIAN  
APPLICANT: MAGNER, RICK  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, ROBERT J.  
APPLICANT: GUTIERREZ, ARNOLD J.  
APPLICANT: PUDLO, JEFF  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GILEAD SCIENCES, INC.  
STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94044

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/473,481  
FILING DATE: 07-JUN-1995

CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/976,103  
FILING DATE: 25-NOV-1992

CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/965,941  
FILING DATE: 23-OCT-1992

CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/338,352  
FILING DATE: 14-NOV-1994

CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/935,444  
FILING DATE: 25-AUG-1992

CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/799,824  
FILING DATE: 26-NOV-1991  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 162.3D  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 573-4712  
TELEFAX: (415) 573-4899

TELEX:  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-473-481-11

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGA 1196  
Db 16 GAAAAAGAGAGAGA 1

RESULT 452  
US-08-940-332-4  
Sequence 4, Application US/08940332

PATENT INFORMATION:  
PATENT NO. 5885834  
APPLICANT: Epstein, Paul M.  
TITLE OF INVENTION: SYNTHESIS OF ANTISENSE  
TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDE OF PHOSPHODIESTERASE AND  
TITLE OF INVENTION: INDUCEMENT OF APOPTOSIS IN HUMAN LYMPHOBLASTOID CELLS  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ALIX, VALE & RISTAS, LLP  
STREET: 750 MAIN STREET  
CITY: HARTFORD  
STATE: CT  
COUNTRY: USA  
ZIP: 06103-2721

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/940,332  
FILING DATE: 30-SEP-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/027,207  
FILING DATE: 30-SEP-1996

CLASSIFICATION: 20,736  
REGISTRATION NUMBER: UCON/137/US  
REFERENCE/DOCKET NUMBER: (860)527-9211  
TELEPHONE: (860)527-5029  
TELEFAX: (860)527-5029

INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: other nucleic acid  
DESCRIPTION: /desc = "Oligonucleotide"

US-08-940-332-4

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3989 CTGAGCTGAGAGCTGT 4004  
Db 1 CTGAGCATGAGAGCTGT 16

RESULT 453

US-08-940-332-5/c  
Sequence 5, Application US/08940332  
Patent No. 5885834  
GENERAL INFORMATION:  
APPLICANT: Epscein, Paul M.  
TITLE OF INVENTION: SYNTHESIS OF ANTISENSE  
TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDE OF PHOSPHODIESTERASE AND  
TITLE OF INVENTION: INDUCEMENT OF APOPTOSIS IN HUMAN LYMPHOBLASTOID CELLS  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ALIX, YADE & RISTAS, LLP  
STREET: 750 MAIN STREET  
CITY: HARTFORD  
STATE: CT  
COUNTRY: USA  
ZIP: 06103-2721  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/940,332  
FILING DATE: 30-SEP-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/027,207  
FILING DATE: 30-SEP-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Alix, James E.  
REGISTRATION NUMBER: 20,736  
REFERENCE/DOCKET NUMBER: UCON/137/US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (860)527-9211  
TELEFAX: (860)527-5029  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: other nucleic acid  
DESCRIPTION: /desc = "oligonucleotide"  
US-08-940-332-5

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3989 CTGAGCTGAGCTGT 4004  
DB 18 CTGAGCTGAGCTGT 3

RESULT 454  
US-09-357-072-17/c  
Sequence 17, Application US/09357072  
Patent No. 6015712  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Brenda F. Baker  
APPLICANT: Hong Zhang  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF PADD EXPRESSION  
FILE REFERENCE: RTS-0027  
CURRENT APPLICATION NUMBER: US/09/357,072  
CURRENT FILING DATE: 1999-07-19  
NUMBER OF SEQ ID NOS: 87  
SEQ ID NO 17  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide

US-09-357-072-17/c  
Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3111 AGCAGAACACCTGGA 3326  
DB 17 AGCAGAACACCTGGA 2

RESULT 455  
US-08-338-352-12/c  
Sequence 12, Application US/08338352  
Patent No. 6235887  
GENERAL INFORMATION:  
APPLICANT: FROEHLER, BRIAN  
APPLICANT: JONES, ROBERT J.  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 755 Page Mill Road  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/338,352  
FILING DATE: 14-NOV-1994  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/935,444  
FILING DATE: 25-AUG-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGER, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 24610-20035.20  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 813-5600  
TELEFAX: (415) 494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-338-352-12

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGA 1196  
DB 16 GAGAAAGAGAGAGA 1

RESULT 456  
US-08-584-040-2983  
Sequence 2983, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/06/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Waiburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2983:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2983

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 68.8%; Pred. No. 4.9e+02;  
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 313 CCTCTGGGCTCTCC 328

Db 1 CCUCUGCGCUCUC 16

RESULT 457  
US-08-599-738A-11/c  
Sequence 11, Application US/08599738A  
Patent No. 6380368  
GENERAL INFORMATION:  
APPLICANT: FROEHLER, BRIAN  
APPLICANT: WAGNER, RICK  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, ROBERT J.  
APPLICANT: GUTIERREZ, ARNOLD J.  
APPLICANT: PUJO, JEFF  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GILDEAD SCIENCES, INC.  
STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: California

COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/599,738A  
FILING DATE: 12-FEB-1996  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/473,481  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/976,103  
FILING DATE: 25-NOV-1992  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/965,941  
FILING DATE: 23-OCT-1992  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/338,352  
FILING DATE: 14-NOV-1994  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/935,444  
FILING DATE: 25-AUG-1992  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/799,824  
FILING DATE: 26-NOV-1991  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 162.302  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 573-4712  
TELEFAX: (415) 573-4899  
TELEX:  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-599-738A-11

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGA 1196

Db 16 GAAAAAGAGAGAGA 1

RESULT 458  
US-09-350-982C-2/c  
Sequence 2, Application US/09350982C  
Patent No. 6455290  
GENERAL INFORMATION:  
APPLICANT: Bertheisen, Jens  
APPLICANT: Toma, Salvatore  
APPLICANT: Isacchi, Antonella  
TITLE OF INVENTION: Tankyrase Homolog Protein(THP), Nucleic Acids, and Methods Relat  
TITLE OF INVENTION: Same  
FILE REFERENCE: PHRM-0043  
CURRENT APPLICATION NUMBER: US/09/350,982C  
CURRENT FILING DATE: 1999-07-09

```
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCR Primers
US-09-350-982C-2
```

```
Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 578 AGGAGCTGAAGAGATT 593
Db 17 AGGAGCTGAAGAGATT 2
```

```
RESULT 459
US-09-322-409-151/C
; Sequence 151, Application US/09322409
; Patent No. 6471957
; GENERAL INFORMATION:
; APPLICANT: Sim, Gek-Kee
; APPLICANT: Yang, Shumin
; APPLICANT: Drelitz, Matthew J.
; APPLICANT: Wonderling, Ramani S.
; TITLE OF INVENTION: CANINE AND FELINE IMMUNOREGULATORY PROTEINS, NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
; FILE REFERENCE: IM-2-C1
; CURRENT APPLICATION NUMBER: US/09/322.409
; EARLIER FILING DATE: 1999-05-28
; EARLIER APPLICATION NUMBER: 60/087,306
; EARLIER FILING DATE: 1998-05-29
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 151
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-322-409-151
```

```
Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.9e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 744 GGAGCAGATGGGCTGAG 761
Db 18 GGAGCAGATGGGCTGTG 1
```

```
RESULT 460
US-09-260-629-12
; Sequence 12, Application US/09260629
; Patent No. 6479626
; GENERAL INFORMATION:
; APPLICANT: Kim, Jin-Soo
; APPLICANT: Pabo, Carl O.
; APPLICANT: Massachusetts Institute of Technology
; TITLE OF INVENTION: Poly Zinc Finger Proteins With Improved Linkers
; FILE REFERENCE: 019496-002510US
; CURRENT APPLICATION NUMBER: US/09/260.629
; EARLIER FILING DATE: 1999-03-01
; EARLIER APPLICATION NUMBER: US 60/076,454
; EARLIER FILING DATE: 1998-03-02
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 12
; LENGTH: 18
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: NZ site with
; OTHER INFORMATION: NRB- and Zlf268-binding sites directly juxtaposed
US-09-260-629-12
```

```
Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 5192 GGGTTACGCGTGAGG 5207
Db 3 GGGTTACGCGTGAGCG 18
```

```
RESULT 461
US-09-451-527-151/C
; Sequence 151, Application US/09451527
; Patent No. 6482403
; GENERAL INFORMATION:
; APPLICANT: Sim, Gek-Kee
; APPLICANT: Yang, Shumin
; APPLICANT: Drelitz, Matthew J.
; APPLICANT: Wonderling, Ramani S.
; TITLE OF INVENTION: CANINE AND FELINE IMMUNOREGULATORY PROTEINS, NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
; FILE REFERENCE: IM-2-C2
; CURRENT APPLICATION NUMBER: US/09/451.527
; EARLIER FILING DATE: 1999-12-01
; EARLIER APPLICATION NUMBER: 09/322,409
; EARLIER FILING DATE: 1999-05-28
; EARLIER APPLICATION NUMBER: 60/087,306
; EARLIER FILING DATE: 1998-05-29
; NUMBER OF SEQ ID NOS: 174
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 151
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-451-527-151
```

```
Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.9e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 744 GGAGCAGATGGGCTGAG 761
Db 18 GGAGCAGATGGGCTGTG 1
```

```
RESULT 462
US-09-422-978-7389
; Sequence 7389, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422.978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
```

```
/ SEQ ID NO 7389
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..18
/ OTHER INFORMATION: upstream amplification primer 99-4207 for SEQ 3455,
US-09-422-978-7389
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2387 TTCACCTCTGTTCACCA 2402
Db      2   TTCACCTCTGTTCACCA 17
```

## RESULT 463

```
US-09-422-978-9111
/ Sequence 9111, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ TITLE OF INVENTION: Blallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSRT.020CP1
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 9111
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..18
/ OTHER INFORMATION: downstream amplification primer 99-22262 for SEQ 1246, in complet
US-09-422-978-9111
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      5152 ATTTCCTCTGGCTGT 5167
Db      1   ATTTCCTCTGGCTGT 16
```

## RESULT 464

```
US-09-371-772B-1411
/ Sequence 1411, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyne Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwigen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
/ FILE REFERENCE: MEMB00,876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ CURRENT FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
```

```
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1411
/ LENGTH: 18
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-371-772B-1411
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 68.8%; Pred. No. 4.9e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      313 CCTCTGGCTCTCC 328
Db      1   CCTCTGGCTCTCC 16
```

## RESULT 465

```
US-10-294-203-11/c
/ Sequence 11, Application US/10294203
/ Patent No. 6753168
/ GENERAL INFORMATION:
/ APPLICANT: Froehner, Brian
/ APPLICANT: Wagner, Rick
/ APPLICANT: Mateucci, Mark
/ APPLICANT: Jones, Robert J.
/ APPLICANT: Gutierrez, Arnold J.
/ APPLICANT: Pudlo, Jeff
/ TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
/ FILE REFERENCE: GLIS0155
/ CURRENT APPLICATION NUMBER: US/10/294,203
/ CURRENT FILING DATE: 2002-01-22
/ PRIOR APPLICATION NUMBER: 08/599,738
/ PRIOR FILING DATE: 1996-02-12
/ PRIOR APPLICATION NUMBER: 10/024,818
/ PRIOR FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 54
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 11
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic construct
US-10-294-203-11
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1181 GAGAAAGAGAGAGA 1196
Db      16   GAAAAAGAGAGAGA 1
```

## RESULT 466

```
US-09-856-662-112
/ Sequence 112, Application US/09856662
/ Patent No. 6790616
/ GENERAL INFORMATION:
/ APPLICANT: MORIBR, Toyoki et al.
/ TITLE OF INVENTION: Method for typing HLA class 1 genes
/ FILE REFERENCE: 0032-0261P
/ CURRENT APPLICATION NUMBER: US/09/856,662
/ CURRENT FILING DATE: 2001-05-24
/ PRIOR APPLICATION NUMBER: JP P1998-335151
/ PRIOR FILING DATE: 1998-11-26
/ NUMBER OF SEQ ID NOS: 130
/ SOFTWARE: PatentIn Ver. 2.0
```

SEQ ID NO 112  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: DNA probe  
US-09-856-662-112

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5237 AGATCTACAGACCA 5252  
DB 3 AGATCTACAGACCA 18

RESULT 467  
PCT-US96-11473A-16/c  
Sequence 16, Application PC/TUS9611473A  
GENERAL INFORMATION:  
APPLICANT: LARRY GOLD  
APPLICANT: MICHAEL LOCHRIE  
APPLICANT: HANG CHEN  
APPLICANT: CRAIG TUBERK  
TITLE OF INVENTION: INTRACELLULAR ACTION OF  
TITLE OF INVENTION: NUCLEIC ACID LIGANDS  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Swanson and Bratschun, L.L.C.  
STREET: 8400 East Prentice Avenue, Suite #200  
City: Englewood  
STATE: Colorado  
COUNTRY: USA  
ZIP: 80111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.4 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WordPerfect 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/11473A  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/521,515  
FILING DATE: 30-AUGUST-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,872  
FILING DATE: 11-JULY-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Barry J. Swanson  
REGISTRATION NUMBER: 33,215  
REFERENCE/DOCKET NUMBER: NEX45/PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (303) 793-3333  
TELEFAX: (303) 793-3433  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: DNA  
PCT-US96-11473A-16

Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 2978 CGCTGAGCCACTCTGC 2993  
|||||

DB 17 CGCTGAGCCACTCTGC 2

RESULT 468

US-08-110-161A-9  
Sequence 9, Application US/08110161A  
Patent No. 6498147  
GENERAL INFORMATION:  
APPLICANT: Nerenberg, Michael I.

TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-KB  
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Spensley Horn Jubas & Lubitz  
STREET: 1880 Century Park East - Suite 500  
City: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/110,161A  
FILING DATE: 20-AUG-1993  
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:  
NAME: Tumarikin Ph.D., Lisa A.  
REGISTRATION NUMBER: P-38,347  
REFERENCE/DOCKET NUMBER: PD-2981  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: DNA (genomic)

FEATURE:  
NAME/KEY: CDS

LOCATION: 1..19  
US-08-110-161A-9

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4040 AAGGGGCGCCATGTGGA 4055  
DB 2 AAGTGGGCGCATGTGGA 17

RESULT 469  
US-08-110-161A-10/c  
Sequence 10, Application US/08110161A  
Patent No. 6498147  
GENERAL INFORMATION:  
APPLICANT: Nerenberg, Michael I.

TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-KB  
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Spensley Horn Jubas & Lubitz  
STREET: 1880 Century Park East - Suite 500  
City: Los Angeles  
STATE: California  
COUNTRY: USA

ZIP: 90067  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/110,161A  
FILING DATE: 20-AUG-1993  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Tumarkin Ph.D., Lisa A.  
REGISTRATION NUMBER: P-38,347  
REFERENCE/DOCKET NUMBER: PD-2981  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..19  
US-08-110-161A-10

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4040 AAGGGGCGCATGTGGA 4055  
DB 18 AAGTGGCGCATGTGGA 3

RESULT 470  
PCT-US94-09350-9  
Sequence 9, Application PC/TUS9409350  
GENERAL INFORMATION:  
APPLICANT: THE SCRIPPS RESEARCH INSTITUTE  
TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-KB  
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Spensley Horn Jubas & Lubitz  
STREET: 1880 Century Park East - Suite 500  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/09350  
FILING DATE: 19-AUG-1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Tumarkin Ph.D., Lisa A.  
REGISTRATION NUMBER: P-38,347  
REFERENCE/DOCKET NUMBER: PD-3758  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..19  
PCT-US94-09350-9

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4040 AAGGGGCGCATGTGGA 4055  
DB 2 AAGTGGCGCATGTGGA 17

RESULT 471  
PCT-US94-09350-10/C  
Sequence 10, Application PC/TUS9409350  
GENERAL INFORMATION:  
APPLICANT: THE SCRIPPS RESEARCH INSTITUTE  
TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-KB  
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Spensley Horn Jubas & Lubitz  
STREET: 1880 Century Park East - Suite 500  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/09350  
FILING DATE: 19-AUG-1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Tumarkin Ph.D., Lisa A.  
REGISTRATION NUMBER: P-38,347  
REFERENCE/DOCKET NUMBER: PD-3758  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..19  
PCT-US94-09350-10

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4040 AAGGGGCGCATGTGGA 4055  
DB 18 AAGTGGCGCATGTGGA 3

RESULT 472  
US-08-410-540-5/C  
Sequence 5, Application US/08410540  
Patent No. 5807678



GENERAL INFORMATION:  
APPLICANT: Miller, Walter L.  
APPLICANT: Lin, Dong  
APPLICANT: Straus III, Jerome P.  
TITLE OF INVENTION: IDENTIFICATION OF GENE MUTATIONS  
TITLE OF INVENTION: ASSOCIATED WITH CONGENITAL LIPOID ADRENAL HYPERPLASIA  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooley Godward Castro Huddleston & Tatum  
STREET: 5 Palo Alto Square  
CITY: Palo Alto  
STATE: CA  
COUNTRY: US  
ZIP: 94306-2155  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/410,540  
FILING DATE: 23-MAR-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Neelley, Richard L.  
REGISTRATION NUMBER: 30,092  
REFERENCE/DOCKET NUMBER: UCAL-238/0005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415 853 5070  
TELEFAX: 415 857 0663  
TELEX: 380816COOLEYPA  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (synthetic)  
HYPOHETICAL: NO  
ANTI-SENSE: NO  
US-08-410-540-5

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGC 2656  
Db 16 CTGCGCTGCTGCTGC 1

RESULT 473  
US-08-650-125-8  
Sequence 8, Application US/08650125  
Patent No. 5830751  
GENERAL INFORMATION:  
APPLICANT: BOEKE, JEF  
APPLICANT: BRACHMANN, RAINER  
TITLE OF INVENTION: GENETIC ASSAYS AND STRAINS  
TITLE OF INVENTION: USING TP23  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Witcoff, Ltd.  
STREET: 1001 G Street, N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20001  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/650,125  
FILING DATE: 01-MAY-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Kagan, Sarah A  
REGISTRATION NUMBER: 32,145  
REFERENCE/DOCKET NUMBER: 1107.55985  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-508-9100  
TELEFAX: 202-508-9299  
TELEX: 97430 BMB UR  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-650-125-8

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2566 GGGGAGAGAGATGG 2581  
Db 4 GGGGAGAGAGATGG 19

RESULT 474  
US-08-795-006A-8  
Sequence 8, Application US/08795006A  
Patent No. 5840579  
GENERAL INFORMATION:  
APPLICANT: Boeke, Jef  
APPLICANT: Brachmann, Rainer  
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING P53  
TITLE OF INVENTION: MUTATIONS WHICH SUPPRESS P53 CANCER MUTATIONS  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Witcoff  
STREET: 1001 G Street, NW  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20001  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/795,006A  
FILING DATE: 05-FEB-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Kagan, Sarah A  
REGISTRATION NUMBER: 32141  
REFERENCE/DOCKET NUMBER: 01107.03170  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-508-9100  
TELEFAX: 202-508-9299  
TELEX:  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-795-006A-8

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2566 GGGGAGAGAGATGG 2581  
DB 4 GGGGAGAGAGATGG 19

RESULT 475  
US-08-293-779-1  
Sequence 1, Application US/08293779  
Patent No. 5851762  
GENERAL INFORMATION:  
APPLICANT: Simons, Malcolm J  
TITLE OF INVENTION: Genomic Mapping by Direct Haplotyping  
TITLE OF INVENTION: Using Intron Sequence Analysis  
Patent No. 5851762  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Skjerven, Morrill, Macpherson, Franklin &  
ADDRESSEE: Friel  
STREET: 25 Metro Drive Suite 700  
CITY: San Jose  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 95110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/293,779  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/971,856  
FILING DATE: 09-MAR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Terlizzi, Laura  
REGISTRATION NUMBER: 31,307  
REFERENCE/DOCKET NUMBER: M-1648-1P US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (408) 283-1222  
TELEFAX: (408) 283-1233  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
DEVELOPMENTAL STAGE: Adult  
POSITION IN GENOME:  
CHROMOSOME/SEGMENT: 6  
US-08-293-779-1

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 4685 TGAGCCAGTCTCGGA 4700  
|||||

DB 4 TGAGCCAGTCTCGGA 19

RESULT 476  
US-09-184-073-8  
Sequence 8, Application US/09184073  
Patent No. 6183964  
GENERAL INFORMATION:  
APPLICANT: Boeke, Jef  
APPLICANT: Brachmann, Rainer  
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING P53  
TITLE OF INVENTION: MUTATIONS WHICH SUPPRESS P53 CANCER MUTA- TIONS  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Witcoff  
STREET: 1001 G Street, NW  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20001  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/184,073  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/795,006  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Kagan, Sarah A  
REGISTRATION NUMBER: 32141  
REFERENCE/DOCKET NUMBER: 01107.03170  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-508-9100  
TELEFAX: 202-508-9299  
TELEX:  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-184-073-8

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2566 GGGGAGAGAGATGG 2581  
DB 4 GGGGAGAGAGATGG 19

RESULT 477  
US-09-506-286B-40  
Sequence 40, Application US/09506286B  
Patent No. 6482414  
GENERAL INFORMATION:  
APPLICANT: Dowling, Patricia W.  
APPLICANT: Youngner, Julius S.  
TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES  
TITLE OF INVENTION: EQ-1-C2  
CURRENT APPLICATION NUMBER: US/09/506,286B  
CURRENT FILING DATE: 2000-02-16  
PRIOR APPLICATION NUMBER: 09/133,921  
PRIOR FILING DATE: 1998-08-13  
PRIOR APPLICATION NUMBER: PCT/US99/18583  
PRIOR FILING DATE: 1999-08-12

NUMBER OF SEQ ID NOS: 108  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 40  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-506-286B-40

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4491 AGCGTACCTTCACT 4506  
DB 1 AGCGTACCTTCACT 16

RESULT 478  
US-09-422-978-11316/c  
Sequence 11316, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET.020CPI  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 11316  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURES:  
NAME/KEY: primer\_bind  
LOCATION: 1..19  
OTHER INFORMATION: downstream amplification primer 99-4199 for SEQ 3451, in compleme

US-09-422-978-11316

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5262 GTAAGTGAAGAG 5277  
DB 19 GTAATTGAAGAG 4

RESULT 479  
US-09-184-072-8  
Sequence 8, Application US/09184072  
Patent No. 656056  
GENERAL INFORMATION:  
APPLICANT: BOERKE, JEF  
APPLICANT: BRACHMANN, RAINER  
TITLE OF INVENTION: GENETIC ASSAYS AND STRAINS  
TITLE OF INVENTION: USING TP23  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Wilcoff, Ltd.  
STREET: 1001 G Street, N.W.  
CITY: Washington  
STATE: DC

COUNTRY: USA  
ZIP: 20001  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/184,072  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/650,125  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Kagan, Sarah A 32,145  
REGISTRATION NUMBER: 1107.55985  
REFERENCE/DOCKET NUMBER: 1107.55985  
TELEPHONE: 202-508-9100  
TELEFAX: 202-508-9299  
TELEX: 97430 BMB UT  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-09-184-072-8

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2566 GGGGAGAGAGATGG 2581  
DB 4 GGGGAGAGAGATGG 19

RESULT 480  
US-09-762-861B-40  
Sequence 40, Application US/09762861B  
Patent No. 6579528  
GENERAL INFORMATION:  
APPLICANT: The University of Pittsburgh - of the Commonwealth System of Higher  
APPLICANT: Education  
APPLICANT: Downing, Patricia W.  
APPLICANT: Youngner, Julius S.  
TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES  
FILE REFERENCE: HQ-1-C1-PUS (formerly HK2-033CPUS)  
CURRENT APPLICATION NUMBER: US/09/762,861B  
CURRENT FILING DATE: 2001-02-13  
PRIOR APPLICATION NUMBER: PCT/US99/18583  
PRIOR FILING DATE: 1999-08-12  
PRIOR APPLICATION NUMBER: 09/133,921  
PRIOR FILING DATE: 1998-08-13  
NUMBER OF SEQ ID NOS: 43  
SOFTWARE: Patentin Version 3.1  
SEQ ID NO 40  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURES:  
OTHER INFORMATION: Synthetic primer  
US-09-762-861B-40

Query Match 0.3%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4491 AGCGTACCTTCACT 4506  
|||||

```
Db          1 AGCGTACTTCACT 16

RESULT 481
; Sequence 40, Application US/10065133A
; Patent No. 6685946
; GENERAL INFORMATION:
; APPLICANT: Dowling, Patricia W.
; APPLICANT: Youngner, Julius S.
; TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES
; FILE REFERENCE: EQ-1-C2-1
; CURRENT APPLICATION NUMBER: US/10/065,133A
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: PCT/US99/18583
; PRIOR FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: 09/133,921
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic primer
; US-10-065-133A-40

Query Match          0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY          4491 AGCGTACTTCACT 4506
Db          1 AGCGTACTTCACT 16

RESULT 482
; US-09-696-791-2070/c
; Sequence 2070, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tiltz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2070
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B ribozyme binding site
; US-09-696-791-2070

Query Match          0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY          4374 GGGATCAGGATCAGG 4389
Db          19 GGGATCAGGAGCAGG 4

PCT-US91-03680-2/c
; Sequence 2, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.

APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Morrison & Poerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 10
; OTHER INFORMATION: /mod_base= OTHER
; PCT-US91-03680-2

Query Match          0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY          1181 GAGAAAGAGAGAGA 1196
Db          16 GAGAAAGAGAGAGA 1

RESULT 484
; US-08-220-373-3
; Sequence 3, Application US/08220373
; Patent No. 5650559
; GENERAL INFORMATION:
; APPLICANT: Akamatsu, Toyokazu
; APPLICANT: Kagami, Teutomu
; APPLICANT: Sato, Hiromi
; APPLICANT: Shiga, Toshi
; TITLE OF INVENTION: METHODS FOR BREEDING AND PROPAGATING
; TITLE OF INVENTION: MALE STERILE PLANT
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSER: James C. Weseman
; STREET: 401 B. Street, Suite 1700
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92101-4297
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/220,373  
FILING DATE: 30-MAR-1994  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 174499  
FILING DATE: 14-JUL-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Weesman, James C.  
REGISTRATION NUMBER: 30,507  
REFERENCE/DOCKET NUMBER: P0057US0  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 699-3604  
TELEFAX: (619) 236-1048  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-220-373-3

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 5.3e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4465 ACTACTGTGATCCCTC 4480  
Db 4 ACTACTGTGATCCCTC 19

RESULT 485  
US-09-009-913-317  
Sequence 317, Application US/09009913  
Patent No. 6087485  
GENERAL INFORMATION:  
APPLICANT: Arys Pharmaceuticals, Inc.  
TITLE OF INVENTION: Asthma Related Genes  
NUMBER OF SEQUENCES: 339  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Bozicevic & Reed, LLP  
STREET: 285 Hamilton Ave, Suite 200  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94301  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/009,913  
FILING DATE: 21-JAN-1998  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Sherwood, Pamela J  
REGISTRATION NUMBER: 36,677  
REFERENCE/DOCKET NUMBER: SEQ-4P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-327-3231  
TELEFAX: 650-327-3231  
TELEX:  
INFORMATION FOR SEQ ID NO: 317:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-009-913-317

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 5.3e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2184 CCTTGCCAGGCTCTC 2199  
Db 1 CCTTGCCAGGCTCTC 16

RESULT 486  
US-08-872-855-13/C  
Sequence 13, Application US/08872855  
Patent No. 6121045  
GENERAL INFORMATION:  
APPLICANT: McCarthy, Sean  
TITLE OF INVENTION: NOVEL HUMAN DELTA3 COMPOSITIONS AND  
TITLE OF INVENTION: THERAPEUTIC USES THEREFOR  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FOLEY, HONG & ELIOT LLP  
STREET: One Post Office Square  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109-2170  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/872,855  
FILING DATE: 11-JUN-1997  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Arnold, Beth E.  
REGISTRATION NUMBER: 35,430  
REFERENCE/DOCKET NUMBER: MAA-003.02  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-832-1000  
TELEFAX: 617-832-7000  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-08-872-855-13

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 5.3e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3960 GGTGGCAGGCGCTCTG 3975  
Db 20 GGTGGCAGGCGCTCTG 5

RESULT 487  
US-09-313-932-394/C  
Sequence 394, Application US/09313932A  
Patent No. 6226642  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda  
APPLICANT: Bennett, C. Frank  
APPLICANT: Butler, Madeline M.

```

; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 394
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-394

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3261 CCTGGCCTCTGTGCTT 3276
Db      19 CCTGGCCTCTGTGCTT 4

RESULT 488
US-09-021-701-551/c
; Sequence 551, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ATTORNEY/AGENT INFORMATION:
; ADDRESSER: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 551:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
US-09-021-701-551

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5403 AAAAAGAAAAATGA 5418
Db      20 AAAAAGAAAAATGA 5

RESULT 489
US-09-021-701-552/c
; Sequence 552, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ATTORNEY/AGENT INFORMATION:
; ADDRESSER: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 552:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
US-09-021-701-552

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5403 AAAAAGAAAAATGA 5418
Db      19 AAAAAGAAAAATGA 4

RESULT 490
US-09-021-701-553/c
; Sequence 553, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
```

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Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5403 AAAAAGAAAAATGA 5418
Db      20 AAAAAGAAAAATGA 5

RESULT 489
US-09-021-701-552/c
; Sequence 552, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ATTORNEY/AGENT INFORMATION:
; ADDRESSER: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 552:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
US-09-021-701-552

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5403 AAAAAGAAAAATGA 5418
Db      19 AAAAAGAAAAATGA 4

RESULT 490
US-09-021-701-553/c
; Sequence 553, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
```

TITLE OF INVENTION: Methods for evaluating oligonucleotide  
TITLE OF INVENTION: probe sequences  
NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/021,701  
FILING DATE: 10-FEB-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-852-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 553:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-021-701-553

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 5.3e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5403 AAAAAAAAAAATGA 5418  
|||||  
Db 18 AAAAAAAAAAATCA 3

RESULT 491  
US-09-021-701-554/c  
Sequence 554, Application US/09021701  
Patent No. 6251588  
GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
APPLICANT: Wolber, Paul K.  
APPLICANT: Delenstarr, Glenda C.  
APPLICANT: Webb, Peter G.  
APPLICANT: Kincaid, Robert H.  
TITLE OF INVENTION: Methods for evaluating oligonucleotide  
TITLE OF INVENTION: probe sequences  
NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/021,701

FILING DATE: 10-FEB-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-852-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 554:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-021-701-554

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 5.3e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5403 AAAAAAAAAAATGA 5418  
|||||  
Db 17 AAAAAAAAAAATCA 2

RESULT 492  
US-09-021-701-555/c  
Sequence 555, Application US/09021701  
Patent No. 6251588  
GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
APPLICANT: Wolber, Paul K.  
APPLICANT: Delenstarr, Glenda C.  
APPLICANT: Webb, Peter G.  
APPLICANT: Kincaid, Robert H.  
TITLE OF INVENTION: Methods for evaluating oligonucleotide  
TITLE OF INVENTION: probe sequences  
NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/021,701  
FILING DATE: 10-FEB-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-852-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 555:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO

; ANTI-SENSE: NO  
US-09-021-701-555

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 5.3e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGA 5418  
DB 16 AAAAAAGAAAAATCA 1

RESULT 493

US-09-657-452A-51  
; Sequence 51, Application US/09657452A  
; Patent No. 6426188  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION  
; FILE REFERENCE: RTS-0125  
; CURRENT APPLICATION NUMBER: US/09/657,452A  
; CURRENT FILING DATE: 2000-09-07  
; NUMBER OF SEQ ID NOS: 178  
; SEQ ID NO 51  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-657-452A-51

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 5.3e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4640 TGGCTGAGAACACGAG 4655  
DB 1 TGGCTGAGATACGAG 16

RESULT 494  
US-09-661-753-56  
; Sequence 56, Application US/09661753  
; Patent No. 6436909  
; GENERAL INFORMATION:  
; APPLICANT: Susan P. Murray  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA  
; FILE REFERENCE: ISPH-0498  
; CURRENT APPLICATION NUMBER: US/09/661,753  
; CURRENT FILING DATE: 2000-09-14  
; EARLIER APPLICATION NUMBER: 60/154,546  
; EARLIER FILING DATE: 1999-09-17  
; NUMBER OF SEQ ID NOS: 68  
; SEQ ID NO 56  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-661-753-56

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 5.3e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3695 GCGTGCCTTCTCTGC 3710  
DB 5 GCTTGCCTTCTCTGC 20

RESULT 495

US-09-780-175-41/C  
; Sequence 41, Application US/09780175  
; Patent No. 6440738  
; GENERAL INFORMATION:  
; APPLICANT: Robert McKay  
; APPLICANT: Susan M. Freier  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION  
; FILE REFERENCE: RTS-0164  
; CURRENT APPLICATION NUMBER: US/09/780,175  
; CURRENT FILING DATE: 2001-02-08  
; NUMBER OF SEQ ID NOS: 154  
; SEQ ID NO 41  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-175-41

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 5.3e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4873 CAGTTCTTCTCTGC 4888  
DB 18 CAGTTCTTCTCTAC 3

RESULT 496  
US-09-658-679A-52/C  
; Sequence 52, Application US/09658679A  
; Patent No. 6444464  
; GENERAL INFORMATION:  
; APPLICANT: Ian Popoff  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION  
; FILE REFERENCE: RTS-0186  
; CURRENT APPLICATION NUMBER: US/09/658,679A  
; CURRENT FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 87  
; SEQ ID NO 52  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-658-679A-52

Query Match 0.3%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 5.3e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 576 GGAGAGCTGAAGAG 591  
DB 16 GCAGAGCTGAAGAG 1

RESULT 497  
US-09-658-679A-54/C  
; Sequence 54, Application US/09658679A  
; Patent No. 6444464  
; GENERAL INFORMATION:  
; APPLICANT: Ian Popoff  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION  
; FILE REFERENCE: RTS-0186  
; CURRENT APPLICATION NUMBER: US/09/658,679A  
; CURRENT FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 87  
; SEQ ID NO 54  
; LENGTH: 20  
; TYPE: DNA



```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-54

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 578 AGAGCTGAAGGACTT 593
Db 19 AGAGCTGAAGGACT 4

RESULT 498
US-09-517-467B-127
; Sequence 127, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 127
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-127

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3630 GATCTTCCCAATTGCT 3645
Db 5 GATCTTCCCAATTGCT 20

RESULT 499
US-09-920-672-24/c
; Sequence 24, Application US/09920672
; Patent No. 6455308
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RTS-0251
; CURRENT APPLICATION NUMBER: US/09/920,672
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-24

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4030 GTGGCTCTCCAAAGGG 4045
Db 16 GAGGCTCTCCAAAGGG 1
```

```

RESULT 500
US-09-434-066-4/c
; Sequence 4, Application US/09434066
; Patent No. 6465714
; GENERAL INFORMATION:
; APPLICANT: Luthman, L. Holger
; APPLICANT: Gall, L.G. Joakim
; TITLE OF INVENTION: Congenic Animal Models of No. 6465714-Insulin
; FILE REFERENCE: 09705/009001
; CURRENT APPLICATION NUMBER: US/09/434,066
; CURRENT FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PastsEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-434-066-4

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3214 CGACTGAGCTGGTCA 3229
Db 17 CGACTGAGCTGGTCA 2

RESULT 501
US-09-920-668-49
; Sequence 49, Application US/09920668
; Patent No. 6482644
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowbert
; APPLICANT: Brett P. Monla
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 8 EXPRESSION
; FILE REFERENCE: RTS-0246
; CURRENT APPLICATION NUMBER: US/09/920,668
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-668-49

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 674 TGAAGTGCGCTCGTA 689
Db 4 TGAAGTGCGCTCGTA 19

RESULT 502
US-09-668-313A-247
; Sequence 247, Application US/09668313A
; Patent No. 6503756
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monla
; APPLICANT: Susan M. Freiler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0127
; CURRENT APPLICATION NUMBER: US/09/668,313A
; CURRENT FILING DATE: 2000-09-22
```

```
; NUMBER OF SEQ ID NOS: 247
; SEQ ID NO 247
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-668-313A-247

Query Match
  0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2079 GCCCTGGGTCTCTCG 2094
Db 3 GCCCTGGGTCTCTCG 18

RESULT 503
US-09-954-560-47/c
; Sequence 47, Application US/09954560
; Patent No. 6524854
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF PKA REGULATORY SUBUNIT RII ALPHA EXPRESSION
; FILE REFERENCE: RTS-0192
; CURRENT APPLICATION NUMBER: US/09/954,560
; CURRENT FILING DATE: 2001-09-11
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-954-560-47

Query Match
  0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 64 TTCTGAAGCCCATTC 79
Db 20 TTCTGAAGCCCATTC 5

RESULT 504
US-09-422-978-7609/c
; Sequence 7609, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7609
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20

; OTHER INFORMATION: upstream amplification primer 99-9662 for SEQ 3675,
US-09-422-978-7609

Query Match
  0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 96 TCCGACCCCACTCTT 111
Db 16 TCCGACCCCACTCTT 1

RESULT 505
US-09-198-452A-6012
; Sequence 6012, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6012
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-198-452A-6012

Query Match
  0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3712 TCTCAAGGGGACCTGC 3727
Db 1 TCTCAAGGGGACCTGC 16

RESULT 506
US-10-215-448-53/c
; Sequence 53, Application US/10215448
; Patent No. 6716975
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
; FILE REFERENCE: RTS-0179
; CURRENT APPLICATION NUMBER: US/10/215,448
; CURRENT FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 105
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-448-53

Query Match
  0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4114 GCCAGGTGAGCTGC 4129
Db 19 GCCAGGTGAGCTGC 4

RESULT 507
US-09-232-785-374/c
; Sequence 374, Application US/09232785
; Patent No. 6733965
; GENERAL INFORMATION:
```

```

; APPLICANT: International Paper Co.
; APPLICANT: Echt, Craig S
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSAATELITE DNA MARKERS AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 4481/1E180S1
; CURRENT APPLICATION NUMBER: US/09/232,785
; CURRENT FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/222,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO: 374
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-374

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4430 AGGCTTGTTGAAC 4445
Db      19 AGCCCTTGTTGAAC 4

RESULT 508
US-09-513-597A-8
; Sequence 8, Application US/09513597A
; Patent No. 6770445
; GENERAL INFORMATION:
; APPLICANT: Scholler, Nathalie B.
; APPLICANT: Heilestrom, Ingegerd
; APPLICANT: Heilestrom, Karl Erik
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING
; TITLE OF INVENTION: CARCINOMAS
; FILE REFERENCE: 730033.410
; CURRENT APPLICATION NUMBER: US/09/513,597A
; CURRENT FILING DATE: 2000-02-25
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-513-597A-8

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3755 ACTCTGGGGCCGAC 3770
Db      5 ACTCTGGGGCCGAC 20

RESULT 509
US-08-222-177A-82/c
; Sequence 82, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dc-da)n. (dc-dr)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Demilt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
```

```

; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 82:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd10p2
US-08-222-177A-82

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3596 CTCAGCTAATCTCAACT 3614
Db      19 CGCAGCTGCTCAACT 1

RESULT 510
US-08-321-080-8/c
; Sequence 8, Application US/08321080
; Patent No. 5633436
; GENERAL INFORMATION:
; APPLICANT: WANDELT, CHRISTINE I.
; TITLE OF INVENTION: Improved Feedcrops Enriched in
; TITLE OF INVENTION: Sulfur Amino Acids and Methods
; TITLE OF INVENTION: for Improvement
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. du Pont de Nemours
; ADDRESSEE: and Company
; STREET: 1007 Market Street
; CITY: Wilmington
; STATE: Delaware
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.0 MB
; COMPUTER: IBM
; OPERATING SYSTEM: Microsoft Windows
; SOFTWARE: Microsoft Word, V2.0C
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/321,080
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/129,721
; FILING DATE:
; APPLICATION NUMBER: BB-1045
```

```

; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GALLEGOS, R. THOMAS
; REGISTRATION NUMBER: 32,692
; REFERENCE/DOCKET NUMBER: BB-1045-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (302) 892-7342
; TELEFAX: (302) 892-7949
; TELEX: 835420
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: No
; ANTI-SENSE: No
; FEATURE:
; NAME/KEY: OCW98
; LOCATION: 1..19
; OTHER INFORMATION: /note= "SYNTHETIC OLIGOMER"
US-08-321-080-8

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1122 GGCTCCTGGAGCCCAATGG 1140
Db      19 GGTTGATGATACCAATGG 1

RESULT 511
US-08-756-728A-1/c
; Sequence 1, Application US/08756728A
; Patent No. 5821354
; GENERAL INFORMATION:
; APPLICANT: Lecienc, Guy
; APPLICANT: Martel, Remi
; TITLE OF INVENTION: RADIOLABELLED DNA OLIGONUCLEOTIDE, METHOD
; TITLE OF INVENTION: OF PREPARATION AND THERAPEUTIC USES THEREOF
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue, 4th Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/756,728A
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Bag., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 1398-1-001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
```

```

; DESCRIPTION: /desc = "PRIMER"
; HYPOTHETICAL: NO
US-08-756-728A-1

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 512
US-08-470-426B-21/c
; Sequence 21, Application US/08470426B
; Patent No. 5856458
; GENERAL INFORMATION:
; APPLICANT: Okamoto, Hiroaki
; APPLICANT: Nakamura, Tetsuo
; TITLE OF INVENTION: OLIGONUCLEOTIDE PRIMERS, AND THEIR
; TITLE OF INVENTION: APPLICATION FOR HIGH-FIDELITY DETECTION OF NON-A, NON-B
; TITLE OF INVENTION: HEPATITIS VIRUS
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Beveridge, Degrandi, Wellacher & Young,
; ADDRESSER: L.L.P.
; STREET: 1850 M Street, N.W., Suite 800
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470,426B
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 2-153402
; FILING DATE: 12-JUN-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Wellacher, Robert G.
; REGISTRATION NUMBER: 20,531
; REFERENCE/DOCKET NUMBER: 06/59-47083.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 659-2811
; TELEFAX: (202) 659-1462
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
US-08-470-426B-21

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3672 GGATGATCCGATGAACTC 3690
Db      19 GGTTGATCCGATGAACTC 1

RESULT 513
US-08-469-852A-2/c
; Sequence 2, Application US/08469852A
; Patent No. 5874213
```

GENERAL INFORMATION:  
APPLICANT: Cummins, Lendell L.  
APPLICANT: Freter, Susan M.  
APPLICANT: Griffey, Richard  
APPLICANT: Srivatsa, Susan G.  
TITLE OF INVENTION: Capillary Electrophoretic Detection of  
TITLE OF INVENTION: Nucleic Acids  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 58742131ris LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,852A  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/295,509  
FILING DATE: 24-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Michael P. Straher  
REGISTRATION NUMBER: 38,325  
REFERENCE/DOCKET NUMBER: ISIS-2015  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-469-852A-2

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAGAA 5411  
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 514  
US-08-271-882B-16/c  
Sequence 16, Application US/08271882B  
Patent No. 6017696  
GENERAL INFORMATION:  
APPLICANT: Michael J. Heller  
APPLICANT: Eugene Tu  
APPLICANT: Glen A. Evans  
APPLICANT: Ronald G. Sosnowski  
TITLE OF INVENTION: SELF-ASSEMBLING  
TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND  
TITLE OF INVENTION: DEVICES FOR  
TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS  
TITLE OF INVENTION: AND DIAGNOSTICS  
NUMBER OF SEQUENCES: 44  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA

ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/271,882B  
FILING DATE: July 7, 1994  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/146,504  
FILING DATE: No. 6017696member 1, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Murphy, David B.  
REGISTRATION NUMBER: 31,125  
REFERENCE/DOCKET NUMBER: 207/263  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: nucleic  
TYPE: acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-271-882B-16

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAGAA 5411  
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 515  
US-08-295-509B-2/c  
Sequence 2, Application US/08295509B  
Patent No. 6045995  
GENERAL INFORMATION:  
APPLICANT: Cummins, Lendell L.  
APPLICANT: Freter, Susan M.  
APPLICANT: Griffey, Richard  
APPLICANT: Srivatsa, Susan G.  
TITLE OF INVENTION: Capillary Electrophoretic Detection of  
TITLE OF INVENTION: Nucleic Acids  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6045995ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/295,509B  
FILING DATE: 24-AUG-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Michael P. Straher  
REGISTRATION NUMBER: 38,325  
REFERENCE/DOCKET NUMBER: ISIS-1395  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-295-5098-2

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5393 AAAAAAATACAAAAAGAA 5411  
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 516  
US-09-234-237-1/c  
Sequence 1, Application US/09234237  
Patent No. 6127124  
GENERAL INFORMATION:  
APPLICANT: Leeds, Janet M  
APPLICANT: Cummins, Lendell L  
TITLE OF INVENTION: Fluorescence Based Nuclease Assay  
FILE REFERENCE: ISIS3308  
CURRENT APPLICATION NUMBER: US/09/234,237  
CURRENT FILING DATE: 1999-01-20  
NUMBER OF SEQ ID NOS: 1  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 1  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: No. 6127124e1  
US-09-234-237-1

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5393 AAAAAAATACAAAAAGAA 5411  
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 517  
US-09-016-520-20/c  
Sequence 20, Application US/09016520A  
Patent No. 6127533  
GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Kawasaki, Andrew  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides  
FILE REFERENCE: ISIS2824  
CURRENT APPLICATION NUMBER: US/09/016,520A  
CURRENT FILING DATE: 1998-01-30  
EARLIER APPLICATION NUMBER: 60/037,143  
EARLIER FILING DATE: 1997-02-14  
NUMBER OF SEQ ID NOS: 47  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 20  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (15)..(18)

OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-016-520-20

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5393 AAAAAAATACAAAAAGAA 5411  
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 518  
US-09-016-520-21/c  
Sequence 21, Application US/09016520A  
Patent No. 6127533  
GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Kawasaki, Andrew  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides  
FILE REFERENCE: ISIS2824  
CURRENT APPLICATION NUMBER: US/09/016,520A  
CURRENT FILING DATE: 1998-01-30  
EARLIER APPLICATION NUMBER: 60/037,143  
EARLIER FILING DATE: 1997-02-14  
NUMBER OF SEQ ID NOS: 47  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 21  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (15)..(18)  
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-016-520-21

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5393 AAAAAAATACAAAAAGAA 5411  
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 519  
US-09-016-520-22/c  
Sequence 22, Application US/09016520A  
Patent No. 6127533  
GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Kawasaki, Andrew  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides  
FILE REFERENCE: ISIS2824  
CURRENT APPLICATION NUMBER: US/09/016,520A  
CURRENT FILING DATE: 1998-01-30  
EARLIER APPLICATION NUMBER: 60/037,143  
EARLIER FILING DATE: 1997-02-14  
NUMBER OF SEQ ID NOS: 47  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 22  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence

```
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)-(18)
OTHER INFORMATION: 2'-methoxyethoxy
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-22
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      5393 AAAAAATACAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

## RESULT 520

```
US-09-016-520-23/c
Sequence 23, Application US/09016520A
Patent No. 6127533
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 23
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)-(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-23
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      5393 AAAAAATACAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

## RESULT 521

```
US-09-016-520-24/c
Sequence 24, Application US/09016520A
Patent No. 6127533
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 24
```

```
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)-(19)
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-24
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      5393 AAAAAATACAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

## RESULT 522

```
US-09-016-520-25/c
Sequence 25, Application US/09016520A
Patent No. 6127533
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 25
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)-(19)
OTHER INFORMATION: 5-methyl-2'-O-propyl
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-25
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      5393 AAAAAATACAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

## RESULT 523

```
US-09-016-520-26/c
Sequence 26, Application US/09016520A
Patent No. 6127533
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
```

```

; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)-
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
; US-09-016-520-26
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATCAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```

RESULT 524
; US-09-016-520-27/C
; Sequence 27, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 27
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
; US-09-016-520-27
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATCAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```

RESULT 525
; US-09-016-520-31/C
; Sequence 31, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
```

```

; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 31
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)-(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; US-09-016-520-31
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATCAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```

RESULT 526
; US-09-016-520-33/C
; Sequence 33, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)-(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; US-09-016-520-33
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATCAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```

RESULT 527
; US-09-016-520-34/C
; Sequence 34, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
```



```
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-016-520-34
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 528
US-09-016-520-44/c
; Sequence 44, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 44
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methylaminoxyethoxy
US-09-016-520-44
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 529
US-09-378-568-4/c
; Sequence 4, Application US/09378568
; Patent No. 6147200
; GENERAL INFORMATION:
```

```
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Fraser, Allister S
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: 2'-O-acetamido Modified Monomers and Oligomers
; FILE REFERENCE: ISIS4071
; CURRENT APPLICATION NUMBER: US/09/378,568
; CURRENT FILING DATE: 1999-08-19
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
; OTHER INFORMATION: sequence
US-09-378-568-4
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 530
US-09-130-973-20/c
; Sequence 20, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; TITLE OF INVENTION: Making Same
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 20
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5 methyl, 2'-aminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
US-09-130-973-20
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 531
US-09-130-973-21/c
; Sequence 21, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
```

```
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawaaski, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; TITLE OF INVENTION: Making Same
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5 methyl, 2'-dimethylaminoxyethyl
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
; OTHER INFORMATION: Sequence
US-09-130-973-21
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 532
US-09-130-973-22/c
; Sequence 22, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawaaski, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; TITLE OF INVENTION: Making Same
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-O-methoxyethyl (MOE)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
; OTHER INFORMATION: Sequence
US-09-130-973-22
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```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 533
US-09-130-973-23/c
; Sequence 23, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
```

```
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawaaski, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; TITLE OF INVENTION: Making Same
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-O-dimethylaminoxyethyl
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
; OTHER INFORMATION: Sequence
US-09-130-973-23
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```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 534
US-09-130-973-24/c
; Sequence 24, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawaaski, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; TITLE OF INVENTION: Making Same
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-O-methoxyethyl
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
; OTHER INFORMATION: Sequence
US-09-130-973-24
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```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 535
US-09-130-973-25/c
; Sequence 25, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
```

```
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip Dan
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Kawaasaki, Andrew M
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
/ FILE REFERENCE: ISIS2955
/ CURRENT APPLICATION NUMBER: US/09/130,973
/ CURRENT FILING DATE: 1998-08-07
/ NUMBER OF SEQ ID NOS: 58
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 25
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 2'-O-propyl
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
/ OTHER INFORMATION: Sequence
US-09-130-973-25
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 536
US-09-130-973-26/c
/ Sequence 26, Application US/09130973
/ Patent No. 6172209
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip Dan
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Kawaasaki, Andrew M
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
/ FILE REFERENCE: ISIS2955
/ CURRENT APPLICATION NUMBER: US/09/130,973
/ CURRENT FILING DATE: 1998-08-07
/ NUMBER OF SEQ ID NOS: 58
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 26
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (18)-
/ OTHER INFORMATION: 5 methyl, 2'-dimethylaminoxyethyl
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
/ OTHER INFORMATION: Sequence
US-09-130-973-26
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 537
US-09-130-973-27/c
/ Sequence 27, Application US/09130973
/ Patent No. 6172209
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip Dan
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Kawaasaki, Andrew M
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
/ FILE REFERENCE: ISIS2955
/ CURRENT APPLICATION NUMBER: US/09/130,973
/ CURRENT FILING DATE: 1998-08-07
/ NUMBER OF SEQ ID NOS: 58
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 27
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (18)-
/ OTHER INFORMATION: 5 methyl, 2'-O-methoxyethyl
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
/ OTHER INFORMATION: Sequence
US-09-130-973-27
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 538
US-09-130-973-31/c
/ Sequence 31, Application US/09130973
/ Patent No. 6172209
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip Dan
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Kawaasaki, Andrew M
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
/ FILE REFERENCE: ISIS2955
/ CURRENT APPLICATION NUMBER: US/09/130,973
/ CURRENT FILING DATE: 1998-08-07
/ NUMBER OF SEQ ID NOS: 58
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 31
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(18)
/ OTHER INFORMATION: 2'-dimethylaminoxyethyl thymidine (T'-2'-DMAOE)
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
/ OTHER INFORMATION: Sequence
US-09-130-973-31
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```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 539
US-09-130-973-33/c
/ Sequence 33, Application US/09130973
```

```
/ Patent No. 6172209
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip Dan
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Kawasaki, Andrew M
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
/ FILE REFERENCE: ISIS2955
/ CURRENT APPLICATION NUMBER: US/09/130,973
/ CURRENT FILING DATE: 1998-08-07
/ NUMBER OF SEQ ID NOS: 58
/ SOFTWARE: Patentln Ver. 2.1
/ SEQ ID NO 33
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 2'-dimethylaminoxyethyl thymidine ('T'-2'-DMAOE)
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
/ OTHER INFORMATION: Sequence
US-09-130-973-33
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```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 540
US-09-130-973-34/C
/ Sequence 34, Application US/09130973
/ Patent No. 6172209
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip Dan
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Kawasaki, Andrew M
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
/ FILE REFERENCE: ISIS2955
/ CURRENT APPLICATION NUMBER: US/09/130,973
/ CURRENT FILING DATE: 1998-08-07
/ NUMBER OF SEQ ID NOS: 58
/ SOFTWARE: Patentln Ver. 2.1
/ SEQ ID NO 34
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 2'-dimethylaminoxyethyl thymidine ('T'-2'-DMAOE)
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
/ OTHER INFORMATION: Sequence
US-09-130-973-34
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```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 541
US-09-130-973-44/C
```

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/ Sequence 44, Application US/09130973
/ Patent No. 6172209
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip Dan
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Kawasaki, Andrew M
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
/ FILE REFERENCE: ISIS2955
/ CURRENT APPLICATION NUMBER: US/09/130,973
/ CURRENT FILING DATE: 1998-08-07
/ NUMBER OF SEQ ID NOS: 58
/ SOFTWARE: Patentln Ver. 2.1
/ SEQ ID NO 44
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(18)
/ OTHER INFORMATION: 2'-O-methyleneiminoxyethyl thymidine
US-09-130-973-44
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 542
US-09-477-902-20/C
/ Sequence 20, Application US/09477902
/ Patent No. 6194598
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Kawasaki, Andrew
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/477,902
/ CURRENT FILING DATE: 2000-01-05
/ PRIOR APPLICATION NUMBER: 09/016,520
/ PRIOR FILING DATE: 1998-01-30
/ PRIOR APPLICATION NUMBER: 60/037,143
/ PRIOR FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patentln Ver. 2.1
/ SEQ ID NO 20
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(18)
/ OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
US-09-477-902-20
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```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 543
US-09-477-902-21/c
; Sequence 21, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 21
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-477-902-21

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 544
US-09-477-902-22/c
; Sequence 22, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-477-902-22

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAAAAACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 545
US-09-477-902-23/c
; Sequence 23, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 23
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-477-902-23

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 546
US-09-477-902-24/c
; Sequence 24, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-477-902-24
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US-09-477-902-24

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411  
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 547

US-09-477-902-25/C  
; Sequence 25, Application US/09477902  
; Patent No. 6194598  
; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Kawasaki, Andrew  
; TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides  
; FILE REFERENCE: ISIS2824  
; CURRENT APPLICATION NUMBER: US/09/477,902  
; PRIOR FILING DATE: 2000-01-05  
; PRIOR APPLICATION NUMBER: 09/016,520  
; PRIOR FILING DATE: 1998-01-30  
; PRIOR APPLICATION NUMBER: 60/037,143  
; PRIOR FILING DATE: 1997-02-14  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 25  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (16)..(119)  
; OTHER INFORMATION: 5-methyl-2'-O-propyl  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Sequence  
US-09-477-902-25

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411  
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 548

US-09-477-902-26/C  
; Sequence 26, Application US/09477902  
; Patent No. 6194598  
; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Kawasaki, Andrew  
; TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides  
; FILE REFERENCE: ISIS2824  
; CURRENT APPLICATION NUMBER: US/09/477,902  
; PRIOR FILING DATE: 2000-01-05  
; PRIOR APPLICATION NUMBER: 09/016,520  
; PRIOR FILING DATE: 1998-01-30  
; PRIOR APPLICATION NUMBER: 60/037,143  
; PRIOR FILING DATE: 1997-02-14  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 26  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

; NAME/KEY: misc\_feature  
; LOCATION: (18)  
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Sequence  
US-09-477-902-26

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411  
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 549

US-09-477-902-27/C  
; Sequence 27, Application US/09477902  
; Patent No. 6194598  
; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Kawasaki, Andrew  
; TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides  
; FILE REFERENCE: ISIS2824  
; CURRENT APPLICATION NUMBER: US/09/477,902  
; PRIOR FILING DATE: 2000-01-05  
; PRIOR APPLICATION NUMBER: 09/016,520  
; PRIOR FILING DATE: 1998-01-30  
; PRIOR APPLICATION NUMBER: 60/037,143  
; PRIOR FILING DATE: 1997-02-14  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 27  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (18)  
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Sequence  
US-09-477-902-27

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411  
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 550

US-09-477-902-31/C  
; Sequence 31, Application US/09477902  
; Patent No. 6194598  
; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip D  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Kawasaki, Andrew  
; TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides  
; FILE REFERENCE: ISIS2824  
; CURRENT APPLICATION NUMBER: US/09/477,902  
; PRIOR FILING DATE: 2000-01-05  
; PRIOR APPLICATION NUMBER: 09/016,520  
; PRIOR FILING DATE: 1998-01-30  
; PRIOR APPLICATION NUMBER: 60/037,143  
; PRIOR FILING DATE: 1997-02-14  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn Ver. 2.1

```
/ SEQ ID NO 31
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
/ NAME/KEY: misc_feature
/ LOCATION: (15)-(18)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-477-902-31
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 551
US-09-477-902-33/c
/ Sequence 33, Application US/09477902
/ Patent No. 6194598
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/477,902
/ CURRENT FILING DATE: 2000-01-05
/ PRIOR APPLICATION NUMBER: 09/016,520
/ PRIOR FILING DATE: 1998-01-30
/ PRIOR APPLICATION NUMBER: 60/037,143
/ PRIOR FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 33
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
/ NAME/KEY: misc_feature
/ LOCATION: (16)-(19)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-477-902-33
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 552
US-09-477-902-34/c
/ Sequence 34, Application US/09477902
/ Patent No. 6194598
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/477,902
/ CURRENT FILING DATE: 2000-01-05
/ PRIOR APPLICATION NUMBER: 09/016,520
```

```
/ PRIOR FILING DATE: 1998-01-30
/ PRIOR APPLICATION NUMBER: 60/037,143
/ PRIOR FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 34
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
/ NAME/KEY: misc_feature
/ LOCATION: (16)-(19)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-477-902-34
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 553
US-09-477-902-44/c
/ Sequence 44, Application US/09477902
/ Patent No. 6194598
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/477,902
/ CURRENT FILING DATE: 2000-01-05
/ PRIOR APPLICATION NUMBER: 09/016,520
/ PRIOR FILING DATE: 1998-01-30
/ PRIOR APPLICATION NUMBER: 60/037,143
/ PRIOR FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 44
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
/ NAME/KEY: misc_feature
/ LOCATION: (15)-(18)
/ OTHER INFORMATION: 2'-methyleneaminoxyethoxy
US-09-477-902-44
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 554
US-09-050-159-2
/ Sequence 2, Application US/09050159A
/ Patent No. 6197505
/ GENERAL INFORMATION:
/ APPLICANT: No. 6197505berg, Ielf T
/ APPLICANT: Andersson, Maria K
/ APPLICANT: Linstrom, Per H
```

```

; TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND
; FILE REFERENCE: 1248/1D042
; CURRENT APPLICATION NUMBER: US/09/050,159A
; EARLIER FILING DATE: 1998-03-27
; EARLIER APPLICATION NUMBER: 60/042,930
; EARLIER FILING DATE: 1987-04-03
; NUMBER OF SEQ ID NOS: 133
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-09-050-159-2

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1553 CCAGCAGGTGAAGAAC 1571
DB      1 CCAGCAGGTGAAGAAATC 19

RESULT 555
US-08-726-278-16/c
; Sequence 16, Application US/08726278
; Patent No. 6238624
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.
; APPLICANT: Ty, Eugene
; APPLICANT: Evans, Glen A.
; APPLICANT: Sosnowski, Ronald G.
; TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
; FILE REFERENCE: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
; CURRENT APPLICATION NUMBER: US/08/726,278
; CURRENT FILING DATE: 1996-10-04
; PRIOR APPLICATION NUMBER: 08/271,882
; PRIOR FILING DATE: 1994-07-07
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequences for
; OTHER INFORMATION: Labeling
US-08-726-278-16

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5411
DB      19 AAAAAAAAAAAAAAAAAA 1

RESULT 556
US-09-338-907-515/c
; Sequence 515, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CPICP
```

```

; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 515
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..15
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.m182
US-09-338-907-515

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5411
DB      19 AAAAAAAAAAAAAAAAAA 1

RESULT 557
US-08-853-774-12
; Sequence 12, Application US/08853774
; Patent No. 6265557
; GENERAL INFORMATION:
; APPLICANT: Diamond, David
; APPLICANT: Nehlsen-Cannarella, Sandra
; APPLICANT: Fagoaga, Omar
; APPLICANT: Szalay, Aladar
; TITLE OF INVENTION: ABO HISTO-BLOOD GROUP O ALLELES OF THE BABOON
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Knobe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive Sixteenth Flo
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/853,774
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel B
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: LOMAINM.100A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714/760-0404
; TELEFAX: 714/760-9503
; TELEX:
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
```



US-08-853-774-12

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3419 AGATGAGCGAGAACTGAG 3437

DB 1 AGAGAGCGCGGAACTGAG 19

RESULT 558

US-09-123-108-6/c

Sequence 6, Application US/09123108

Patent No. 6271358

GENERAL INFORMATION:

APPLICANT: Manoharan, Muthiah

APPLICANT: Mohan, Venkattraman

APPLICANT: Bosewell, Herb

TITLE OF INVENTION: RNA TARGETED 2'-MODIFIED OLIGONUCLEOTIDES THAT ARE

TITLE OF INVENTION: CONFORMATIONALLY PREORGANIZED

FILE REFERENCE: ISIS-3147 sequence listing

CURRENT APPLICATION NUMBER: US/09/123,108

CURRENT FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 22

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 6

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: No. 6271358e1 sequence

US-09-123-108-6

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411

DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 559

US-09-378-665A-5/c

Sequence 5, Application US/09378665A

Patent No. 6277982

GENERAL INFORMATION:

APPLICANT: Fraser, Allister S.

APPLICANT: Manoharan, Muthiah

APPLICANT: Cook, Phillip Dan

APPLICANT: Jung, Michael E.

APPLICANT: Kawasaki, Andrew M.

TITLE OF INVENTION: Alkylation of Alcohols, Amines, Thiols and Their

TITLE OF INVENTION: Derivatives by Cyclic Sulfate Intermediates

FILE REFERENCE: ISIS4072

CURRENT APPLICATION NUMBER: US/09/378,665A

CURRENT FILING DATE: 1999-08-20

NUMBER OF SEQ ID NOS: 27

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 5

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: No. 6277982e1 Sequence

NAME/KEY: misc feature

LOCATION: (16)-(19)

OTHER INFORMATION: 2'-modified T

US-09-378-665A-5

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411

DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 560

US-08-945-140-3/c

Sequence 3, Application US/08945140

Patent No. 6309878

GENERAL INFORMATION:

APPLICANT: CHEN, Ruluan

APPLICANT: DOIRON, Bruno

APPLICANT: KAHN, Axel

TITLE OF INVENTION: GLUCOSE-INDUCIBLE RECOMBINANT VIRAL

TITLE OF INVENTION: VECTOR

NUMBER OF SEQUENCES: 10

CORRESPONDENCE ADDRESS:

ADDRESSER: Rhone-Poulenc Rorer Inc.

STREET: 500 Arcola Road, Mailstop 3C43

CITY: Collegeville

STATE: PA

COUNTRY: USA

ZIP: 19426

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/945,140

FILING DATE:

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: FR 95/04558

FILING DATE: 14-APR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: WO PCT/FR96/00560

FILING DATE: 12-APR-1996

ATTORNEY/AGENT INFORMATION:

NAME: Savitzky Esq., Martin F.

REGISTRATION NUMBER: 29,699

REFERENCE/DOCKET NUMBER: EX95002-US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (610) 454-3816

TELEFAX: (610) 454-3808

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "Oligonucleotide"

US-08-945-140-3

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4983 ACAGGGGCGCCAGTCAG 5001

DB 19 ACTGGGGCGCCAGTCAG 1

RESULT 561

US-09-202-294-4/c

Sequence 4, Application US/09202294

Patent No. 6329519

GENERAL INFORMATION:

APPLICANT: Collingwood, Stephen P.

APPLICANT: Moser, Heinz E.

```

; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Douglas, Mark E.
; TITLE OF INVENTION: Intermediates for oligonucleotides
; FILE REFERENCE: 4-20900/A/MA2134/PCT
; CURRENT APPLICATION NUMBER: US/09/202,294
; EARLIER FILING DATE: 1999-03-15
; EARLIER APPLICATION NUMBER: PCT/GB97/01490
; EARLIER FILING DATE: 1997-06-03
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 4
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-202-294-4

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 562
US-09-218-207-515/c
; Sequence 515, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CPI
; CURRENT APPLICATION NUMBER: US/09/218,207
; EARLIER FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 515
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..15
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
US-09-218-207-515

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 563
US-09-303-586-15/c
; Sequence 15, Application US/09303586
; Patent No. 6369209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venketrman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational
```

```

; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/09/303,586
; CURRENT FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 3' - O-MOE linkage
; NAME/KEY: misc feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 3' - O-MOE linkage
; NAME/KEY: misc feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage
US-09-303-586-15

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 564
US-09-303-586-16/c
; Sequence 16, Application US/09303586
; Patent No. 6369209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venketrman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/09/303,586
; CURRENT FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2' - O-MOE linkage
; NAME/KEY: misc feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2' - O-MOE linkage
; NAME/KEY: misc feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2' - O-MOE linkage
US-09-303-586-16

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 565
```

```
US-09-303-586-17/c
; Sequence 17, Application US/09303586
; Patent No. 6369209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational
; FILE REFERENCE: IS183310
; CURRENT APPLICATION NUMBER: US/09/303,586
; CURRENT FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 17
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage
US-09-303-586-17

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 566
US-09-303-586-18/c
; Sequence 18, Application US/09303586
; Patent No. 6369209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational
; FILE REFERENCE: IS183310
; CURRENT APPLICATION NUMBER: US/09/303,586
; CURRENT FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage
US-09-303-586-18
```

```
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2' - O-MOE
US-09-303-586-18

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 567
US-09-303-586-26/c
; Sequence 26, Application US/09303586
; Patent No. 6369209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational
; FILE REFERENCE: IS183310
; CURRENT APPLICATION NUMBER: US/09/303,586
; CURRENT FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2'-modified T linkage
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2'-modified T linkage
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2'-modified T linkage
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2'-modified T linkage
US-09-303-586-26

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 568
US-09-327-782-1/c
; Sequence 1, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Alistair S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: IS183315
```

```

; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl- 2'- aminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-1

Query Match
Best Local Similarity 84.2%; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 569
US-09-227-782-2/c
; Sequence 2, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl- 2'- dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-2

Query Match
Best Local Similarity 84.2%; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 570
US-09-227-782-3/c
; Sequence 3, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
```

```

; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-3

Query Match
Best Local Similarity 84.2%; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 571
US-09-227-782-4/c
; Sequence 4, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl- 2'- dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-4

Query Match
Best Local Similarity 84.2%; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 572
US-09-227-782-5/c
; Sequence 5, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
```

```
/ NUMBER OF SEQ ID NOS: 28
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 5
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 5'-methyl- 2'-methoxyethoxy
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-5
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATACAAAAAGAA 5411
      19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 573
US-09-227-782-6/c
/ Sequence 6, Application US/09227782
/ Patent No. 6403779
/ GENERAL INFORMATION:
/ APPLICANT: Kawasaki, Andrew M
/ APPLICANT: Fraser, Allister S
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Prakash, Thazha P
/ TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
/ FILE REFERENCE: IS193315
/ CURRENT APPLICATION NUMBER: US/09/227,782
/ CURRENT FILING DATE: 1999-01-08
/ NUMBER OF SEQ ID NOS: 28
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 6
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 5'-methyl- 2'-O-propyl
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-6
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATACAAAAAGAA 5411
      19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 574
US-09-227-782-7/c
/ Sequence 7, Application US/09227782
/ Patent No. 6403779
/ GENERAL INFORMATION:
/ APPLICANT: Kawasaki, Andrew M
/ APPLICANT: Fraser, Allister S
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Prakash, Thazha P
/ TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
/ FILE REFERENCE: IS193315
/ CURRENT APPLICATION NUMBER: US/09/227,782
/ CURRENT FILING DATE: 1999-01-08
/ NUMBER OF SEQ ID NOS: 28
```

```
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 7
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (18)..(19)
/ OTHER INFORMATION: 5'-methyl- 2'-dimethylaminoxyethoxy
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-7
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATACAAAAAGAA 5411
      19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 575
US-09-227-782-8/c
/ Sequence 8, Application US/09227782
/ Patent No. 6403779
/ GENERAL INFORMATION:
/ APPLICANT: Kawasaki, Andrew M
/ APPLICANT: Fraser, Allister S
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Prakash, Thazha P
/ TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
/ FILE REFERENCE: IS193315
/ CURRENT APPLICATION NUMBER: US/09/227,782
/ CURRENT FILING DATE: 1999-01-08
/ NUMBER OF SEQ ID NOS: 28
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 8
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (18)..(19)
/ OTHER INFORMATION: 5'-methyl- 2'-methoxyethoxy
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-8
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATACAAAAAGAA 5411
      19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 576
US-09-227-782-12/c
/ Sequence 12, Application US/09227782
/ Patent No. 6403779
/ GENERAL INFORMATION:
/ APPLICANT: Kawasaki, Andrew M
/ APPLICANT: Fraser, Allister S
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Prakash, Thazha P
/ TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
/ FILE REFERENCE: IS193315
/ CURRENT APPLICATION NUMBER: US/09/227,782
/ CURRENT FILING DATE: 1999-01-08
/ NUMBER OF SEQ ID NOS: 28
/ SOFTWARE: Patentin Ver. 2.1
```

```

; SEQ ID NO 12
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-12
```

```

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      5393 AAAAAATACAAAAAGAA 5411
      ||||| ||||| ||||| |||||
Db      19 AAAAAAAAAAAAAAAAAAAAA 1
```

```

RESULT 577
US-09-227-782-14/c
; Sequence 14, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 14
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-14
```

```

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      5393 AAAAAATACAAAAAGAA 5411
      ||||| ||||| ||||| |||||
Db      19 AAAAAAAAAAAAAAAAAAAAA 1
```

```

RESULT 578
US-09-227-782-15/c
; Sequence 15, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 15
```

```

; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-15
```

```

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      5393 AAAAAATACAAAAAGAA 5411
      ||||| ||||| ||||| |||||
Db      19 AAAAAAAAAAAAAAAAAAAAA 1
```

```

RESULT 579
US-09-227-782-25/c
; Sequence 25, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-25
```

```

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      5393 AAAAAATACAAAAAGAA 5411
      ||||| ||||| ||||| |||||
Db      19 AAAAAAAAAAAAAAAAAAAAA 1
```

```

RESULT 580
US-09-619-103-25
; Sequence 25, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
; APPLICANT: Kurtz, Markus
; APPLICANT: Wagner, Peter
; APPLICANT: Lohse, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/09/619,103
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 19
```

TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: designed sequence for nucleic acid purification  
US-09-619-103-25

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411  
Db 1 AAAAAAAAAAAAAAAAAAAAA 19

RESULT 581  
US-09-288-679-1/c  
Sequence 1, Application US/09288679  
Patent No. 6465628  
GENERAL INFORMATION:  
APPLICANT: Ravikumar, Vasulunga  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Capaldi, Daniel  
APPLICANT: Krotz, Achim  
APPLICANT: Cole, Douglas  
APPLICANT: Guzaev, Andrei  
TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric Compounds  
FILE REFERENCE: ISIS3380  
CURRENT APPLICATION NUMBER: US/09/288,679  
CURRENT FILING DATE: 1999-04-09  
PRIOR APPLICATION NUMBER: 60/118,564  
PRIOR FILING DATE: 1999-02-04  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial  
FEATURE:  
OTHER INFORMATION: No. 6465628e1 Sequence  
US-09-288-679-1

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411  
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 582  
US-09-475-947A-12/c  
Sequence 12, Application US/09475947A  
Patent No. 6472154  
GENERAL INFORMATION:  
APPLICANT: Garner, Harold R.  
APPLICANT: Wren, Jonathan D.  
APPLICANT: Minna, John D.  
TITLE OF INVENTION: Polymorphic Repeats in Human Genes  
FILE REFERENCE: UTS00667  
CURRENT APPLICATION NUMBER: US/09/475,947A  
CURRENT FILING DATE: 1999-12-31  
NUMBER OF SEQ ID NOS: 346  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 12  
LENGTH: 19  
TYPE: DNA  
ORGANISM: human  
US-09-475-947A-12

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1182 AGAAGAGAGAGAGAGAA 1200  
Db 19 AGAAGAGAGAGAGAGAA 1

RESULT 583  
US-09-612-531-3/c  
Sequence 3, Application US/09612531  
Patent No. 6534639  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Philip Dan  
APPLICANT: Prakash, Thazha P.  
APPLICANT: Mohan, Venkatraman  
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods  
FILE REFERENCE: 1818-4406  
CURRENT APPLICATION NUMBER: US/09/612,531  
CURRENT FILING DATE: 2000-07-07  
PRIOR APPLICATION NUMBER: 09/349,040  
PRIOR FILING DATE: 1999-07-07  
NUMBER OF SEQ ID NOS: 25  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 3  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide  
NAME/KEY: misc feature  
LOCATION: (16)-(19)  
OTHER INFORMATION: T\*=2'-O-[2-(guanidinium)ethyl]  
US-09-612-531-3

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411  
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 584  
US-09-612-531-7/c  
Sequence 7, Application US/09612531  
Patent No. 6534639  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Philip Dan  
APPLICANT: Prakash, Thazha P.  
APPLICANT: Mohan, Venkatraman  
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods  
FILE REFERENCE: 1818-4406  
CURRENT APPLICATION NUMBER: US/09/612,531  
CURRENT FILING DATE: 2000-07-07  
PRIOR APPLICATION NUMBER: 09/349,040  
PRIOR FILING DATE: 1999-07-07  
NUMBER OF SEQ ID NOS: 25  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 7  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide  
NAME/KEY: misc feature  
LOCATION: (19)-(19)  
OTHER INFORMATION: T\*=2'-O-[2-(guanidinium)ethyl]  
US-09-612-531-7

Query Match 0.3%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 5393 AAAAAATCAAAAGAA 5411  
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 585  
US-09-612-531-13/c  
; Sequence 13, Application US/09612531  
; Patent No. 6534639  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Philip Dan  
; APPLICANT: Prakash, Thazha P.  
; APPLICANT: Mohan, Venktraman  
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods  
; FILE REFERENCE: 1s18-4406  
; CURRENT APPLICATION NUMBER: US/09/612,531  
; PRIOR FILING DATE: 2000-07-07  
; PRIOR APPLICATION NUMBER: 09/349,040  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 13  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide  
; NAME/KEY: misc\_feature  
; LOCATION: (17)..(17)  
; OTHER INFORMATION: T\*=2'-0-[2-(guanidinium)ethyl]  
; NAME/KEY: misc\_feature  
; LOCATION: (19)..(19)  
; OTHER INFORMATION: T\*=2'-0-[2-(guanidinium)ethyl]  
US-09-612-531-13

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAGAA 5411  
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 586  
US-09-422-978-4635/c  
; Sequence 4635, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marla  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 4635  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind

; LOCATION: 1..19  
; OTHER INFORMATION: upstream amplification primer 99-16563 for SEQ 701,  
US-09-422-978-4635

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1189 GAGAGAGAGAAATCAGAGA 1207  
DB 19 GATGAGGAGAAATGAGAGA 1

RESULT 587  
US-09-422-978-7014/c  
; Sequence 7014, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marla  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 7014  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..19  
; OTHER INFORMATION: upstream amplification primer 99-22375 for SEQ 3080,  
US-09-422-978-7014

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4863 CTTGGGTCAGTTCTT 4881  
DB 19 CTTCTGTCCTGTTCTT 1

RESULT 588  
US-09-422-978-10242/c  
; Sequence 10242, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marla  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 10242  
; LENGTH: 19  
; TYPE: DNA



```
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..19
/ OTHER INFORMATION: downstream amplification primer 99-10692 for SEQ 2377, in complete
US-09-422-978-10242

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2318 CCATCATCTCCACCTTCTT 2336
Db 19 CCATATCTCACTTCTT 1

RESULT 589
US-09-422-978-11676/c
/ Sequence 11676, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020Cp1
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 11676
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..19
/ OTHER INFORMATION: downstream amplification primer 99-21781 for SEQ 3811, in complete
US-09-422-978-11676

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3039 GGAGACCTCGCGTTGACT 3057
Db 19 GGACACACTCGTGTGCT 1

RESULT 590
US-10-121-135-5/c
/ Sequence 5, Application US/10121135
/ Patent No. 6552178
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip Dan
/ TITLE OF INVENTION: 2'-O-Aminoethyl-oxymethyl-Modified Oligonucleotides
/ FILE REFERENCE: ISIS-5036
/ CURRENT APPLICATION NUMBER: US/10/121,135
/ CURRENT FILING DATE: 2002-04-11
/ PRIOR APPLICATION NUMBER: 09/370,625
/ PRIOR FILING DATE: 1999-08-06
/ PRIOR APPLICATION NUMBER: 09/130,566
/ PRIOR FILING DATE: 1998-08-07
/ NUMBER OF SEQ ID NOS: 28
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 5
/ LENGTH: 19
```

```
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Construct
/ NAME/KEY: misc_feature
/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 2'-modified T
US-10-121-135-5

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAATACAAAAA 1

RESULT 591
US-10-121-135-26/c
/ Sequence 26, Application US/10121135
/ Patent No. 6552178
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip Dan
/ TITLE OF INVENTION: 2'-O-Aminoethyl-oxymethyl-Modified Oligonucleotides
/ FILE REFERENCE: ISIS-5036
/ CURRENT APPLICATION NUMBER: US/10/121,135
/ CURRENT FILING DATE: 2002-04-11
/ PRIOR APPLICATION NUMBER: 09/370,625
/ PRIOR FILING DATE: 1999-08-06
/ PRIOR APPLICATION NUMBER: 09/130,566
/ PRIOR FILING DATE: 1998-08-07
/ NUMBER OF SEQ ID NOS: 28
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 26
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Construct
/ NAME/KEY: misc_feature
/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 2'-O-(2-N,N-dimethylaminoethyl) oxymethyl-5-methyl uridine (2'-
US-10-121-135-26

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAATACAAAAA 1

RESULT 592
US-09-142-212A-10/c
/ Sequence 10, Application US/09142212A
/ Patent No. 6562960
/ GENERAL INFORMATION:
/ APPLICANT: Baxter, Anthony David
/ APPLICANT: Collingwood, Stephen Paul
/ APPLICANT: Douglas, Mark Edward
/ APPLICANT: Taylor, Roger John
/ TITLE OF INVENTION: Oligonucleotide Analogues
/ FILE REFERENCE: ISIS4385
/ CURRENT APPLICATION NUMBER: US/09/142,212A
/ CURRENT FILING DATE: 1998-10-09
/ PRIOR APPLICATION NUMBER: 97/00499
/ PRIOR FILING DATE: 1997-02-24
```

```
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc feature
; LOCATION: (16)..(18)
; OTHER INFORMATION: Modified internucleoside linkage
US-09-142-212A-10
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 593
US-09-349-040A-3/C
; Sequence 3, Application US/09349040A
; Patent No. 6593466
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Functionalized Oligomers
; FILE REFERENCE: ISIS-3811
; CURRENT APPLICATION NUMBER: US/09/349,040A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentn version 3.0
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6593466e1 Sequence
US-09-349-040A-3
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 594
US-09-349-040A-4/C
; Sequence 4, Application US/09349040A
; Patent No. 6593466
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Functionalized Oligomers
; FILE REFERENCE: ISIS-3811
; CURRENT APPLICATION NUMBER: US/09/349,040A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentn version 3.0
; SEQ ID NO 4
; LENGTH: 19
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6593466e1 Sequence
US-09-349-040A-4
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 595
US-09-349-040A-5/C
; Sequence 5, Application US/09349040A
; Patent No. 6593466
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Functionalized Oligomers
; FILE REFERENCE: ISIS-3811
; CURRENT APPLICATION NUMBER: US/09/349,040A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentn version 3.0
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6593466e1 Sequence
US-09-349-040A-5
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 596
US-09-596-377A-12/C
; Sequence 12, Application US/09596377A
; Patent No. 6602850
; GENERAL INFORMATION:
; APPLICANT: MAGNIN PHARMACEUTICALS, INC.
; TITLE OF INVENTION: Biological Variability of Asthma
; Associated Factors Useful in Treating and Diagnosing
; Atopic Allergies Including Asthma and Related Disorders
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Morgan, Lewis & Bockius LLP
; STREET: 1800 M St., NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/596,377A
```

```

; FILING DATE: 16-Jun-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/032,224
; FILING DATE: 02-DEC-1996
; APPLICATION NUMBER: US 08/980,872
; FILING DATE: 01-DEC-1997
; APPLICATION NUMBER: PCT/US97/21992
; FILING DATE: 02-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael S. Tuecan
; REGISTRATION NUMBER: 43,210
; REFERENCE/DOCKET NUMBER: 36870-5057-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 467 7000
; TELEFAX: 202 467 7176
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULAR TYPE: other nucleic acid
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-09-596-377A-12

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4244 TCACCTCTGAGAGTGC 4262
DB 19 TCATCTCTGGGAGACTGAC 1

RESULT 597
US-09-982-212-39/c
; Sequence 39, Application US/09982212
; Patent No. 6617137
; GENERAL INFORMATION:
; APPLICANT: Dean, Frank B.
; TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION
; FILE REFERENCE: 13172.001202
; CURRENT APPLICATION NUMBER: US/09/982,212
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: Unassigned
; PRIOR FILING DATE: 2001-10-15
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence; No. 6617137e =
US-09-982-212-39

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1123 GCTCCTGGAGCCCAATGCG 1141
DB 19 GCTCCTGGAGCCCAATGTC 1

RESULT 598
US-09-409-926-17/c
; Sequence 17, Application US/09409926
; Patent No. 6617442
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
```

```

; APPLICANT: Lima, Walter F.
; APPLICANT: Wu, Hongjiang
; TITLE OF INVENTION: Human RNase H1 and Oligonucleotide Compositions Thereof
; FILE REFERENCE: IS154166
; CURRENT APPLICATION NUMBER: US/09/409,926
; CURRENT FILING DATE: 1999-09-30
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence; No. 6617442e1 Sequence
US-09-409-926-17

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAA 5411
DB 19 AAAAAATACAAAAGAA 1

RESULT 599
US-09-409-926-18/c
; Sequence 18, Application US/09409926
; Patent No. 6617442
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Lima, Walter F.
; APPLICANT: Wu, Hongjiang
; TITLE OF INVENTION: Human RNase H1 and Oligonucleotide Compositions Thereof
; FILE REFERENCE: IS154166
; CURRENT APPLICATION NUMBER: US/09/409,926
; CURRENT FILING DATE: 1999-09-30
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
; OTHER INFORMATION: Description of Artificial Sequence; No. 6617442e1 Sequence
US-09-409-926-18

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAA 5411
DB 19 AAAAAATACAAAAGAA 1

RESULT 600
US-10-123-597-1/c
; Sequence 1, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: IS155040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
```

```

; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy
US-10-123-597-1

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 601
US-10-123-597-2/C
; Sequence 2, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-2

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 602
US-10-123-597-3/C
; Sequence 3, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
```

```

; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methoxyethoxy
US-10-123-597-3

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 603
US-10-123-597-4/C
; Sequence 4, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-4

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 604
US-10-123-597-5/C
; Sequence 5, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
```

```

; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-5

```

```

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      5393 AAAAAATACAAAGAA 5411
      19 AAAAAAAAAAAAAAAAAA 1

```

```

RESULT 605
US-10-123-597-6/c
; Sequence 6, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-O-propyl
US-10-123-597-6

```

```

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      5393 AAAAAATACAAAGAA 5411
      19 AAAAAAAAAAAAAAAAAA 1

```

```

RESULT 606
US-10-123-597-7/c
; Sequence 7, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D

```

```

; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-7

```

```

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      5393 AAAAAATACAAAGAA 5411
      19 AAAAAAAAAAAAAAAAAA 1

```

```

RESULT 607
US-10-123-597-8/c
; Sequence 8, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-8

```

```

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      5393 AAAAAATACAAAGAA 5411
      19 AAAAAAAAAAAAAAAAAA 1

```

```

RESULT 608
US-10-123-597-12/c
; Sequence 12, Application US/10123597

```

```
Patent No. 6624294
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 12
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-12
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 609
US-10-123-597-14/c
Sequence 14, Application US/10123597
Patent No. 6624294
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 14
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-14
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 610
US-10-123-597-15/c
Sequence 15, Application US/10123597
Patent No. 6624294
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 15
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-15
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 611
US-10-123-597-25/c
Sequence 25, Application US/10123597
Patent No. 6624294
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 25
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 2'-methyleneaminoxyethoxy
US-10-123-597-25
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 612  
US-09-349-033A-1/c  
; Sequence 1, Application US/09349033A  
; Patent No. 6639061  
; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip Dan  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Maier, Martin  
; APPLICANT: An, Haoyun  
; TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Oligomers and Related Compound  
; FILE REFERENCE: ISIS-3312  
; CURRENT APPLICATION NUMBER: US/09/349,033A  
; CURRENT FILING DATE: 1999-07-07  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: Patent version 3.1  
; SEQ ID NO 1  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence  
US-09-349-033A-1

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 5393 AAAAAATACAAAAGAA 5411  
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 613  
US-09-435-806-6/c  
; Sequence 6, Application US/09435806  
; Patent No. 6653458  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip Dan  
; APPLICANT: Guinose, Charles J.  
; TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES  
; FILE REFERENCE: ISIS-4288  
; CURRENT APPLICATION NUMBER: US/09/435,806  
; CURRENT FILING DATE: 1999-11-08  
; PRIOR APPLICATION NUMBER: US 09/115,043  
; PRIOR FILING DATE: 1998-07-14  
; PRIOR APPLICATION NUMBER: US 08/602,862  
; PRIOR FILING DATE: 1996-02-28  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: Patent version 3.2  
; SEQ ID NO 6  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic construct  
US-09-435-806-6

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 5393 AAAAAATACAAAAGAA 5411  
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 614  
US-09-672-717-128  
; Sequence 128, Application US/09672717

Patent No. 6673917  
; GENERAL INFORMATION:  
; APPLICANT: Korneluk, Robert G.  
; APPLICANT: LaCasse, Eric  
; APPLICANT: Baird, Stephen  
; APPLICANT: Holcik, Martin  
; APPLICANT: Young, Sean  
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses  
; FILE REFERENCE: 07891/025001  
; CURRENT APPLICATION NUMBER: US/09/672,717  
; CURRENT FILING DATE: 2000-09-28  
; NUMBER OF SEQ ID NOS: 231  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 128  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: based on Homo sapiens  
US-09-672-717-128

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 564 GTTCTGAGAGAGAG 582  
Db 1 GTTACTGAGAGAGAAAG 19

RESULT 615  
US-10-098-816-15/c  
; Sequence 15, Application US/10098816  
; Patent No. 6737520  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Mohan, Venkateshman  
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form  
; FILE REFERENCE: ISIS3310  
; CURRENT APPLICATION NUMBER: US/10/098,816  
; CURRENT FILING DATE: 2002-04-19  
; PRIOR APPLICATION NUMBER: US/09/303,586  
; PRIOR FILING DATE: 1999-05-03  
; NUMBER OF SEQ ID NOS: 34  
; SOFTWARE: Patent version 3.0  
; SEQ ID NO 15  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; OTHER INFORMATION: Oligonucleotide  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (16)-(17)  
; OTHER INFORMATION: 3' - O-MOE linkage  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (17)-(18)  
; OTHER INFORMATION: 3' - O-MOE linkage  
; NAME/KEY: misc\_feature  
; LOCATION: (18)-(19)  
; OTHER INFORMATION: 3' - O-MOE linkage  
US-10-098-816-15

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 5393 AAAAAATACAAAAGAA 5411

Db 19 AAAAAAAAAAAAAAAAAA 1

## RESULT 616

US-10-098-816-16/c  
Sequence 16, Application US/10098816  
Patent No. 6737520  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form  
FILE REFERENCE: ISIS3310  
CURRENT APPLICATION NUMBER: US/10/098,816  
CURRENT FILING DATE: 2002-04-19  
PRIOR APPLICATION NUMBER: US/09/303,586  
PRIOR FILING DATE: 1999-05-03  
NUMBER OF SEQ ID NOS: 34  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 16  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
OTHER INFORMATION: Oligonucleotide  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (16)..(17)  
OTHER INFORMATION: 2' - O-MOE linkage  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (17)..(18)  
OTHER INFORMATION: 2' - O-MOE linkage  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (18)..(19)  
OTHER INFORMATION: 2' - O-MOE linkage  
US-10-098-816-16

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411  
Db 19 AAAAAAAAAAAAAAAAAA 1

## RESULT 617

US-10-098-816-17/c  
Sequence 17, Application US/10098816  
Patent No. 6737520  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form  
FILE REFERENCE: ISIS3310  
CURRENT APPLICATION NUMBER: US/10/098,816  
CURRENT FILING DATE: 2002-04-19  
PRIOR APPLICATION NUMBER: US/09/303,586  
PRIOR FILING DATE: 1999-05-03  
NUMBER OF SEQ ID NOS: 34  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 17  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
OTHER INFORMATION: Oligonucleotide

FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (15)..(16)  
OTHER INFORMATION: sub O linkage  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (16)..(17)  
OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (17)..(18)  
OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (18)..(19)  
OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (19)..(19)  
OTHER INFORMATION: 3' - O-MOE linkage

## RESULT 618

US-10-098-816-18/c  
Sequence 18, Application US/10098816  
Patent No. 6737520  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form  
FILE REFERENCE: ISIS3310  
CURRENT APPLICATION NUMBER: US/10/098,816  
CURRENT FILING DATE: 2002-04-19  
PRIOR APPLICATION NUMBER: US/09/303,586  
PRIOR FILING DATE: 1999-05-03  
NUMBER OF SEQ ID NOS: 34  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 18  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
OTHER INFORMATION: Oligonucleotide  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (15)..(16)  
OTHER INFORMATION: sub O linkage  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (16)..(17)  
OTHER INFORMATION: 2' - O-MOE; sub O linkage  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (17)..(18)  
OTHER INFORMATION: 2' - O-MOE; sub O linkage  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (18)..(19)  
OTHER INFORMATION: 2' - O-MOE; sub O linkage  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (19)..(19)

Qy 5393 AAAAAAAAAACAAAAGAA 5411  
Db 19 AAAAAAAAAAAAAAAAAA 1

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

US-10-098-816-18/c  
Sequence 18, Application US/10098816  
Patent No. 6737520  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form  
FILE REFERENCE: ISIS3310  
CURRENT APPLICATION NUMBER: US/10/098,816  
CURRENT FILING DATE: 2002-04-19  
PRIOR APPLICATION NUMBER: US/09/303,586  
PRIOR FILING DATE: 1999-05-03  
NUMBER OF SEQ ID NOS: 34  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 18  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
OTHER INFORMATION: Oligonucleotide  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (15)..(16)  
OTHER INFORMATION: sub O linkage  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (16)..(17)  
OTHER INFORMATION: 2' - O-MOE; sub O linkage  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (17)..(18)  
OTHER INFORMATION: 2' - O-MOE; sub O linkage  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (18)..(19)  
OTHER INFORMATION: 2' - O-MOE; sub O linkage  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (19)..(19)



OTHER INFORMATION: 2' - O-MOE  
US-10-098-816-18

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAGAA 5411  
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 619

US-10-098-816-26/c  
Sequence 26, Application US/10098816  
Patent No. 6737520

GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Mohan, Venkataraman  
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form  
TITLE OF INVENTION: Conformational Geometry  
FILE REFERENCE: ISIS3310  
CURRENT APPLICATION NUMBER: US/10/098,816  
PRIOR FILING DATE: 2002-04-19  
PRIOR APPLICATION NUMBER: US/09/303,586  
PRIOR FILING DATE: 1999-05-03  
NUMBER OF SEQ ID NOS: 34  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 26  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
OTHER INFORMATION: Oligonucleotide  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (16)..(17)  
OTHER INFORMATION: 2'-modified T linkage  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (17)..(18)  
OTHER INFORMATION: 2'-modified T linkage  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (18)..(19)  
OTHER INFORMATION: 2'-modified T linkage  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (19)..(19)  
OTHER INFORMATION: 2'-modified T linkage  
US-10-098-816-26

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAGAA 5411  
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 620

US-09-544-398B-336/c  
Sequence 336, Application US/09544398B  
Patent No. 6770461

GENERAL INFORMATION:  
APPLICANT: Carnull, John P.  
APPLICANT: Little, Randall D.  
APPLICANT: Recker, Robert K.  
APPLICANT: Johnson, Mark L.  
TITLE OF INVENTION: High bone mass gene of 11q13.3  
FILE REFERENCE: 032796-013

CURRENT APPLICATION NUMBER: US/09/544,398B  
CURRENT FILING DATE: 2002-06-10

PRIOR APPLICATION NUMBER: US 09/229,319  
PRIOR FILING DATE: 1999-01-13  
PRIOR APPLICATION NUMBER: US 60/071,449  
PRIOR FILING DATE: 1998-01-13  
PRIOR APPLICATION NUMBER: US 60/105,511  
PRIOR FILING DATE: 1998-10-23  
NUMBER OF SEQ ID NOS: 641  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 336  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-544-398B-336

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3050 GGTTGGCTGGCTGGCT 3068  
DB 19 GGTTGGCTGGCTGGCT 1

RESULT 621

US-09-696-791-796/c  
Sequence 796, Application US/09696791  
Patent No. 6770633

GENERAL INFORMATION:  
APPLICANT: Robbins, Joan M.  
APPLICANT: Tritz, Richard  
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
FILE REFERENCE: 480124.407  
CURRENT APPLICATION NUMBER: US/09/696,791  
CURRENT FILING DATE: 2000-10-25  
NUMBER OF SEQ ID NOS: 4523  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 796  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Cdk7 ribozyme binding site  
US-09-696-791-796

Query Match 0.3%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2259 CTGCAAAAAAAAAACCTT 2277  
DB 19 CTGCAAAAAAAAAACCTT 1

RESULT 622

PCT-US94-02175-8/c  
Sequence 8, Application PC/TUS9402175  
GENERAL INFORMATION:

APPLICANT:  
TITLE OF INVENTION: IMPROVED FEEDCROPS ENRICHED  
TITLE OF INVENTION: IN SULFUR AMINO ACIDS AND  
TITLE OF INVENTION: METHODS FOR IMPROVEMENT  
NUMBER OF SEQUENCES: 9  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.50 INCH, 1.0 MB  
COMPUTER: IBM  
OPERATING SYSTEM: MICROSOFT WINDOWS  
SOFTWARE: MICROSOFT WORD, V2.0C  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/02175  
FILING DATE:

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/129,721
; FILING DATE: SEPTEMBER 30, 1993
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: No
; ANTI-SENSE: No
; FEATURE:
; NAME/KEY: OCM98
; LOCATION: 1..19
; OTHER INFORMATION: /note= "SYNTHETIC OLIGOMER"
; PCT-US94-02175-8

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1122 GGCTCGGGAGCCCATGG 1140
Db      19 GGTTCAATGGTACCATGG 1

RESULT 623
US-07-695-564-11/c
; Sequence 11, Application US/07695564
; Patent No. 5310874
; GENERAL INFORMATION:
; APPLICANT: Tamara, Richard N.
; APPLICANT: Quatrana, Vito
; TITLE OF INVENTION: INTEGRIN ALPHA SUBUNIT CYTOPLASMIC
; TITLE OF INVENTION: DOMAIN POLYPEPTIDES, ANTIBODIES AND METHODS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Thomas Fitting
; STREET: 11300 Sorrento Valley Road, Suite 200
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/695,564
; FILING DATE: 19910503
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: SCRO377P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-1555
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
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; LOCATION: 1..20
; OTHER INFORMATION: /standard name= "PCR PRIMER 1157"
; OTHER INFORMATION: /note= "Primer corresponds to bp 2918-2937 of the
; INFORMATION: ALPHA 6A CDNA sequence of SEQ ID NO:2."
; US-07-695-564-11

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2986 CACTGTGAGTGAAGATC 3004
Db      19 CACGTACAGTTAAGATC 1

RESULT 624
US-08-255-561-11/c
; Sequence 11, Application US/08255561
; Patent No. 5543294
; GENERAL INFORMATION:
; APPLICANT: Silverstein, Saul J.
; APPLICANT: Lungu, Octavian
; APPLICANT: Wright Jr., Thomas C.
; TITLE OF INVENTION: A POLYMERASE CHAIN
; TITLE OF INVENTION: REACTION/RESTRICTION FRAGMENT
; TITLE OF INVENTION: POLYMORPHISM METHOD FOR THE DETECTION
; TITLE OF INVENTION: AND TYPING OF HUMAN PAPILLOMAVIRUSES
; TITLE OF INVENTION: AND MYCOBACTERIUM AND FOR THE
; TITLE OF INVENTION: DIAGNOSIS OF CONGENITAL ADRENAL
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Cooper & Dunham
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/255,561
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/916,940
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 39358-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 977-9550
; TELEFAX: (212) 664-0525
; TELEX: 422523 COOP UI
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-255-561-11

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1840 CTGGGCACTTGTCTGGGGA 1858
         ||||| ||| ||||| |||||
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Db 20 CTGGCAGGTTGCTGGGA 2

RESULT 625  
US-08-241-387-11/c  
Sequence 11, Application US/08241387  
Patent No. 5589570

GENERAL INFORMATION:  
APPLICANT: Tamara, Richard N.  
TITLE OF INVENTION: INTERIN ALPHA SUBUNIT CYTOPLASMIC  
TITLE OF INVENTION: DOMAIN POLYPEPTIDES, ANTIBODIES AND METHODS  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSER: The Scripps Research Institute  
STREET: 10666 No. 5589570th Torrey Pines Road, TPC-8  
CITY: La Jolla  
STATE: CA  
COUNTRY: US  
ZIP: 92037

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
FILING DATE: 10-MAY-1994  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US98 07/695,564  
FILING DATE: 03-MAY-1004  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: TSRI241.0D1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-554-2937  
TELEFAX: 619-554-6312  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: DNA (genomic)  
HYPOTHEICAL: NO  
FEATURES:  
NAME/KEY: misc feature  
LOCATION: 1..20  
OTHER INFORMATION: /standard name="PCR PRIMER 1157"  
OTHER INFORMATION: /note="Primer corresponds to bp 2918-2937 of the  
US-08-241-387-11

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2986 CACTGTGAGTGAAGTC 3004  
Db 19 CACGCTACGTTAGAGTC 1

RESULT 626  
US-07-951-715A-57  
Sequence 57, Application US/07951715A  
Patent No. 5625136

GENERAL INFORMATION:  
APPLICANT: Kozziel, Michael G.  
APPLICANT: Desai, Najini M.  
APPLICANT: Lewis, Kelly S.

APPLICANT: Kramer, Vance C.  
APPLICANT: Warren, Gregory W.  
APPLICANT: Evola, Stephen V.  
APPLICANT: Crossland, Lyle D.  
APPLICANT: Wright, Martha S.  
APPLICANT: Merlin, Ellis J.  
APPLICANT: Launig, Karen L.  
APPLICANT: Rochstein, Steven J.  
APPLICANT: Bowman, Cindy G.  
APPLICANT: Dawson, John L.  
APPLICANT: Dunder, Erik M.  
APPLICANT: Pace, Gary M.  
APPLICANT: Suttie, Janet L.  
TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED  
TITLE OF INVENTION: INSECTICIDAL ACTIVITY IN MAIZE  
NUMBER OF SEQUENCES: 94  
CORRESPONDENCE ADDRESS:  
ADDRESSER: CIBA-GEIGY Corporation  
STREET: 7 Skyline Drive  
CITY: Hawthorne  
STATE: New York  
COUNTRY: USA  
ZIP: 10532

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30B  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/951,715A  
FILING DATE: 25-SEP-1992  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/772,027  
FILING DATE: 04-OCT-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Spull, W. Murray  
REGISTRATION NUMBER: 32,943  
REFERENCE/DOCKET NUMBER: S-18805/A/CGC 1577/CIP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (919)541-8615  
TELEFAX: (919)541-8689  
INFORMATION FOR SEQ ID NO: 57:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer MK25A28"  
HYPOTHEICAL: NO  
US-07-951-715A-57

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3113 ACAGACCTGACCGACT 3131  
Db 2 AGCGACCTGACCGGCT 20

RESULT 627  
US-08-171-718-13/c  
Sequence 13, Application US/08171718  
Patent No. 5707863

GENERAL INFORMATION:  
APPLICANT: Trofater, James A.  
APPLICANT: MacCollin, Mia M.  
APPLICANT: Gueille, James F.  
TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses  
TITLE OF INVENTION: Thereof  
NUMBER OF SEQUENCES: 120

;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
;; STREET: 1100 New York Avenue, N.W., Suite 600  
;; CITY: Washington  
;; STATE: D.C.  
;; COUNTRY: USA  
;; ZIP: 20005-3934  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patentin Release #1.0, Version #1.25  
;;  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/171,718  
;; FILING DATE: 22-DEC-1993  
;; CLASSIFICATION: 436  
;;  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/108,808  
;; FILING DATE: 19-AUG-1993  
;;  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/022,034  
;; FILING DATE: 25-FEB-1993  
;;  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/026,063  
;; FILING DATE: 04-MAR-1993  
;;  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Brown, Anne  
;; REGISTRATION NUMBER: 36,463  
;; REFERENCE/DOCKET NUMBER: 0609.3850003  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (202) 371-2600  
;; TELEFAX: (202) 371-2540  
;;  
;; INFORMATION FOR SEQ ID NO: 13:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;;  
;; US-08-171-718-13

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTGCCAGCAGCGTGAAG 1567  
DB 20 CAGGCCAGGAGGAGAAG 2

RESULT 628  
US-08-350-325A-8  
; Sequence 8, Application US/08350325A  
; Patent No. 5747329  
; GENERAL INFORMATION:  
; APPLICANT: Alton Meister, Chin-Shiou Huang, and Mary  
; APPLICANT: E. Anderson  
; TITLE OF INVENTION: Glutamylcysteine Synthetase Light  
; TITLE OF INVENTION: Subunit  
; NUMBER OF SEQUENCES: 10  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Yahwak & Associates  
; STREET: 25 Skytop Drive  
; CITY: Trumbull  
; STATE: Connecticut  
; COUNTRY: USA  
; ZIP: 06611  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy Disk  
; COMPUTER: Macintosh  
; OPERATING SYSTEM: MS-DOS  
; SOFTWARE: Microsoft Word 5.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/350,325A

;; FILING DATE: December 5th 1994  
;; CLASSIFICATION: 435  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Yahwak, George M.  
;; REGISTRATION NUMBER: 26,824  
;; REFERENCE/DOCKET NUMBER: CRF D 1403  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 203 268 1951  
;; TELEFAX:  
;;  
;; INFORMATION FOR SEQ ID NO: 8:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20 base pairs  
;; TYPE: Nucleic Acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA  
;;  
;; US-08-350-325A-8

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5230 TACAGAGATCTACAGA 5248  
DB 2 TCCAGAGAGCTTTCAGA 20

RESULT 629  
US-08-653-653A-8/C  
; Sequence 8, Application US/08653653A  
; Patent No. 5788573  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker, C. Frank Bennett and Kevin P.  
; APPLICANT: Anderson  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR  
; TITLE OF INVENTION: ANTISENSE INHIBITION OF PROTEIN  
; TITLE OF INVENTION: TRANSLATION  
; NUMBER OF SEQUENCES: 8  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jane Massey Licata, Esq.  
; STREET: 210 Lake Drive East, Suite 201  
; CITY: Cherry Hill  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08002  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM 486  
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/653,653A  
; FILING DATE: May 24, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/440,740  
; FILING DATE: May 12, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/063,167  
; FILING DATE: May 17, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/007,997  
; FILING DATE: January 21, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/939,855  
; FILING DATE: September 2, 1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/567,286  
; FILING DATE: August 14, 1990  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/927,506  
; FILING DATE: No. 5789573ember 19, 1992  
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/568,366  
FILING DATE: August 16, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0146  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
US-08-653-653A-8

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4099 CTCCTGGAGAGCCAGCCA 4117  
DB 19 CGCCTGGAGAGCCATCCA 1

RESULT 630  
US-08-568-271-1  
Sequence 1, Application US/08568271  
Patent No. 5800990  
GENERAL INFORMATION:  
APPLICANT: RAYMOND, MARY V.  
TITLE OF INVENTION: ANGIOTENSIN-CONVERTING ENZYME GENETIC  
TITLE OF INVENTION: VARIANT SCREENS  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: DILWORTH & BARRESE  
STREET: 4350 LA JOLLA VILLAGE DRIVE, SUITE 300  
CITY: SAN DIEGO  
STATE: CALIFORNIA  
COUNTRY: U.S.A.  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/568,271  
FILING DATE: 06-DEC-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: PEPPER PH.D., FREDERICK W.  
REGISTRATION NUMBER: 31,286  
REFERENCE/DOCKET NUMBER: 491-7  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-546-4410  
TELEFAX: 619-453-2839  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-568-271-1

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGTCAGC 2659  
DB 2 CTGCCTGCTGCTGCTGCTGC 20

RESULT 631  
US-08-418-859-18/C  
Sequence 18, Application US/08418859  
Patent No. 5811235  
GENERAL INFORMATION:  
APPLICANT: Jefferys, Alec J.  
TITLE OF INVENTION: METHOD OF  
TITLE OF INVENTION: CHARACTERISATION  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cushman, Darby & Cushman  
STREET: 1100 New York Avenue, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3918  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.2 Mb  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS 3.20  
SOFTWARE: ASCII from WPS-PLUS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/418,859  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/935,107  
FILING DATE: 26 August 1992  
APPLICATION NUMBER: 9118371.5  
FILING DATE: 27-Aug-1991  
APPLICATION NUMBER: 9119089.2  
FILING DATE: 06-Sep-1991  
APPLICATION NUMBER: 9124636.3  
FILING DATE: 20-No. 5811235-1991  
APPLICATION NUMBER: 9207379.0  
FILING DATE: 03-Apr-1992  
APPLICATION NUMBER: 9212627.5  
FILING DATE: 15-Jun-1992  
APPLICATION NUMBER: 9212881.8  
FILING DATE: 17-Jun-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: KOKULIS, PAUL N.  
REGISTRATION NUMBER: 16,773  
REFERENCE/DOCKET NUMBER: 97279/PHM.36520/US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (292) 861-3000  
TELEFAX: (202) 822-0944  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 Base Pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-418-859-18

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4841 GTCTGGCTTTGGCTGACC 4859  
DB 19 GACCTGGCTTGGCTGTGCC 1

RESULT 632  
US-08-594-600-11/C  
Sequence 11, Application US/08594600  
Patent No. 5814448

GENERAL INFORMATION:  
APPLICANT: Silverstein, Saul J.  
APPLICANT: Lungu, Octavian  
APPLICANT: Wright Jr., Thomas C.  
TITLE OF INVENTION: A POLYMERASE CHAIN  
TITLE OF INVENTION: REACTION/RESTRICTION FRAGMENT  
TITLE OF INVENTION: POLYMORPHISM METHOD FOR THE DETECTION  
TITLE OF INVENTION: AND TYPING OF HUMAN PAPILLOMAVIRUSES  
TITLE OF INVENTION: AND MYCOBACTERIUM AND FOR THE  
TITLE OF INVENTION: DIAGNOSIS OF CONGENITAL ADRENAL  
TITLE OF INVENTION: HYPERPLASIA  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham  
STREET: 30 Rockefeller Plaza  
CITY: New York  
STATE: New York  
COUNTRY: United States  
ZIP: 10112  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/594,600  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 39358-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 977-9550  
TELEFAX: (212) 664-0525  
TELEX: 422523 COOP UT  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-594-600-11

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1840 CTGGGCGAGTTGCTGGGGA 1858  
DB 20 CTGGCCAGGTTGCTGGGGA 2

RESULT 633  
US-08-726-575A-5/c  
Sequence 5, Application US/08726575A  
Patent No. 5834587  
GENERAL INFORMATION:  
APPLICANT: Winnie Chan, Dert J. Bergsma,  
APPLICANT: Catherine E. Ellis  
TITLE OF INVENTION: A NO. 5834587el G-Protein Coupled Receptor,  
TITLE OF INVENTION: HLTX11  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SmithKline Beecham Corporation  
STREET: 709 Swedeland Road, P.O. Box 1539  
CITY: King of Prussia  
STATE: PA  
COUNTRY: USA  
ZIP: 19406-0939  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM 486  
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
SOFTWARE: WORDPERECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/726,575A  
FILING DATE: OCTOBER 8, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: William T. Han  
REGISTRATION NUMBER: 34,344  
REFERENCE/DOCKET NUMBER: ATG 50025  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 610 270 5219  
TELEFAX: 610 270 4026  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-726-575A-5

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2863 CCCGACATGATGCTCTGT 2881  
DB 20 CCCGACATGACGATGCTGT 2

RESULT 634  
US-08-117-952-365  
Sequence 365, Application US/08117952  
Patent No. 5851760  
GENERAL INFORMATION:  
APPLICANT: Evans, Glen A.  
APPLICANT: Smith, Michael W.  
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE  
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES  
NUMBER OF SEQUENCES: 797  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark  
STREET: 444 South Flower Street, Suite 2000  
CITY: Los Angeles  
STATE: CA  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/117,952  
FILING DATE: 07-SEP-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/078,471  
FILING DATE: 15-JUN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Reiter, Stephen E.  
REGISTRATION NUMBER: 31,192  
REFERENCE/DOCKET NUMBER: P41 9423  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-546-4737  
TELEFAX: 619-546-9392  
INFORMATION FOR SEQ ID NO: 365:  
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Oligonucleotide  
HYPOTHEITICAL: NO  
ANTI-SENSE: NO  
US-08-117-952-365

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1781 AGAGCCGAGTCTGAGCT 1799  
DB 2 AGAGCCGAGTCTGAGCT 20

RESULT 635  
US-08-643-181-18/c  
Sequence 18, Application US/08643181  
Patent No. 5853989  
GENERAL INFORMATION:  
APPLICANT: Jefferys, Alec J.  
TITLE OF INVENTION: METHOD OF  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESSES:  
ADDRESSES: Cushman, Darby & Cushman  
STREET: 1100 New York Avenue, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3918  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 Inch, 1.2 MB  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS 3.20  
SOFTWARE: ASCII from WPS-PLUS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/643,181  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/418,859  
FILING DATE:  
APPLICATION NUMBER: 07/935,107  
FILING DATE: 26 August 1992  
APPLICATION NUMBER: 9118371.5  
FILING DATE: 27-Aug-1991  
APPLICATION NUMBER: 9119089.2  
FILING DATE: 06-Sep-1991  
APPLICATION NUMBER: 9124636.3  
FILING DATE: 20-No. 5853989-1991  
APPLICATION NUMBER: 9207379.0  
FILING DATE: 03-Apr-1992  
APPLICATION NUMBER: 9212627.5  
FILING DATE: 15-Jun-1992  
APPLICATION NUMBER: 9212881.8  
FILING DATE: 17-Jun-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: KOKUTIS, PAUL N.  
REGISTRATION NUMBER: 16, 773  
REFERENCE/DOCKET NUMBER: 97279/PHM.36520/US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (292) 861-3000  
TELEFAX: (202) 822-0944  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 Base Pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single

TOPOLOGY: linear  
US-08-643-181-18

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4841 GTCCTGCTTGGCTGACC 4859  
DB 19 GACCTGCTTGGCTGACC 1

RESULT 636  
US-08-459-448A-57  
Sequence 57, Application US/08459448A  
Patent No. 5853336  
GENERAL INFORMATION:  
APPLICANT: Koziele, Michael G.  
APPLICANT: Desai, Nalini M.  
APPLICANT: Lewis, Kelly S.  
APPLICANT: Kramer, Vance C.  
APPLICANT: Warren, Gregory W.  
APPLICANT: Evola, Stephen V.  
APPLICANT: Crossland, Lyle D.  
APPLICANT: Wright, Martha S.  
APPLICANT: Merlin, Ellis J.  
APPLICANT: Launis, Karen L.  
APPLICANT: Rothstein, Steven J.  
APPLICANT: Bowman, Cindy G.  
APPLICANT: Dawson, John L.  
APPLICANT: Dunder, Erik M.  
APPLICANT: Pace, Gary M.  
APPLICANT: Suttie, Janet L.  
TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED  
NUMBER OF SEQUENCES: 94  
CORRESPONDENCE ADDRESSES:  
ADDRESSES: No. 585936artis Corporation  
STREET: Patent & Trademark Dept., 520 White Plains  
STREET: Rd., POB 2005  
CITY: Tarrytown  
STATE: New York  
COUNTRY: USA  
ZIP: 10591-9005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/459,448A  
FILING DATE: 02-JUN-1995  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/951,715  
FILING DATE: 25-SEP-1992  
PRIOR APPLICATION DATA: US 07/772,027  
APPLICATION NUMBER: US 07/772,027  
FILING DATE: 04-OCT-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Pace, Gary M.  
REGISTRATION NUMBER: 40403  
REFERENCE/DOCKET NUMBER: CGC 1577/CIP/DIVA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (919)541-8582  
TELEFAX: (919)541-8689  
INFORMATION FOR SEQ ID NO: 57:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "primer MK25A28"  
HYPOTHETICAL: NO  
US-08-459-448A-57

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3113 ACCGAGCCTGACCGAGCT 3111  
| | | | | | | | | | | | | | | | | | | | | |  
Db 2 AGCTGACCTGACCGAGCT 20

RESULT 637  
US-08-910-629A-32  
Sequence 32, Application US/08910629A  
Patent No. 5877309  
GENERAL INFORMATION:  
APPLICANT: Robert A. McKay  
APPLICANT: Nicholas M. Dean  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK  
TITLE OF INVENTION: PROTEINS  
NUMBER OF SEQUENCES: 86  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB  
MEDIUM TYPE: STORAGE  
COMPUTER: PENTIUM WINDOWS 95  
OPERATING SYSTEM: WORDPERFECT 6.1  
SOFTWARE: WORDPERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/910,629A  
FILING DATE: August 13, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0215  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-910-629A-32

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3749 ACGATGACTTCTGGGGCCC 3767  
| | | | | | | | | | | | | | | | | | | | | |  
Db 2 AGGATGACTTCTGGGGCCC 20

RESULT 638  
US-08-767-979-7/c  
Sequence 7, Application US/08767979

Patent No. 5945283  
GENERAL INFORMATION:  
APPLICANT: Kwok, Pui-Yan  
APPLICANT: Chen, Xiangning  
TITLE OF INVENTION: Method for Nucleic Acid Analysis Using  
TITLE OF INVENTION: Fluorescence Resonance Energy Transfer  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Howell & Haferkamp, L.C.  
STREET: 7733 Forsyth Boulevard, Suite 1400  
CITY: St. Louis  
STATE: MO  
COUNTRY: USA  
ZIP: 63105-1817  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/767,979  
FILING DATE: 17-DEC-1996  
CLASSIFICATION: 455  
ATTORNEY/AGENT INFORMATION:  
NAME: Holland, Donald R  
REGISTRATION NUMBER: 35,197  
REFERENCE/DOCKET NUMBER: 96-5219  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 314-727-5188  
TELEFAX: 314-727-6092  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: other nucleic acid  
DESCRIPTION: /desc = "D188p2; SYNTHETIC PCR  
DESCRIPTION: PRIMER USED W/SEQ ID NO:6 TO GENERATE A 367 BP FRAGMENT  
DESCRIPTION: CONTAINING SEQUENCE TAGGED SITE D188,"  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-767-979-7

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2555 TAAATGATGAGGGGAGAG 2573  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 TAAATGATGAGGGGAGAG 2

RESULT 639  
US-08-837-201C-78  
Sequence 78, Application US/08837201C  
Patent No. 5985558  
GENERAL INFORMATION:  
APPLICANT: Nicholas M. Dean, Robert A. McKay, Loren J.  
APPLICANT: Miraglia, Brenda F. Baker  
TITLE OF INVENTION: Antisense Oligonucleotide  
TITLE OF INVENTION: Compositions and Methods for the Modulation of  
TITLE OF INVENTION: Activating Protein 1  
NUMBER OF SEQUENCES: 139  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE



COMPUTER: IBM PS/2  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/837,201C  
FILING DATE: April 14, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0209  
TELEPHONE: (609) 810-1515  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 78:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-837-201C-78

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 339 TTTCCTACCACTCCCTC 357  
DB 1 TTTCCTACCACTCCCTC 19

RESULT 640  
US-08-837-201C-95/c  
Sequence 95, Application US/08837201C  
Patent No. 5985558  
GENERAL INFORMATION:  
APPLICANT: Nicholas M. Dean, Robert A. McKay, Loren J.  
APPLICANT: Miraglia, Brenda F. Baker  
TITLE OF INVENTION: Antisense Oligonucleotide  
TITLE OF INVENTION: Compositions and Methods for the Modulation of  
TITLE OF INVENTION: Activating Protein 1  
NUMBER OF SEQUENCES: 139  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/837,201C  
FILING DATE: April 14, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0209  
TELEPHONE: (609) 810-1515  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 95:

SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-837-201C-95

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 339 TTTCCTACCACTCCCTC 357  
DB 20 TTTCCTACCACTCCCTC 2

RESULT 641  
US-08-890-980-56/c  
Sequence 56, Application US/08890980  
Patent No. 5998141  
GENERAL INFORMATION:  
APPLICANT: Acton, Susan L.  
TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR  
NUMBER OF SEQUENCES: 86  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: POLEY, HOAG & ELIOT LLP  
STREET: One Post Office Square  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109-2170  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/890,980  
FILING DATE: 10-JUL-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Arnold, Beth E.  
REGISTRATION NUMBER: 35,430  
REFERENCE/DOCKET NUMBER: MIA-005.01  
TELEPHONE: 617-832-1000  
TELEFAX: 617-832-7000  
INFORMATION FOR SEQ ID NO: 56:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-08-890-980-56

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1222 TGGGACGGGTGTGAGAA 1240  
DB 19 TGGGCTGGGGTGTGAGAA 1

RESULT 642  
US-08-904-901-113  
Sequence 113, Application US/08904901  
Patent No. 5998383  
GENERAL INFORMATION:  
APPLICANT: Wright, Jim A.

APPLICANT: Young, Aiping H.  
TITLE OF INVENTION: ANTITUMOR ANTISENSE SEQUENCES DIRECTED  
TITLE OF INVENTION: AGAINST RIBONUCLEOTIDE REDUCTASE  
NUMBER OF SEQUENCES: 163  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: KOHN & ASSOCIATES  
STREET: 30500 No. 5998383thwestern Hwy. Suite 410  
CITY: Farmington Hills  
STATE: Michigan  
COUNTRY: US  
ZIP: 48334  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/904,901  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Kohn, Kenneth I.  
REGISTRATION NUMBER: 30,955  
REFERENCE/DOCKET NUMBER: 0227,00004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (248) 539-5050  
TELEFAX: (248) 539-5055  
INFORMATION FOR SEQ ID NO: 113:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
MOLECULE TYPE: other nucleic acid  
ANTI-SENSE: YES  
US-08-904-901-113

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4802 TCAGCAGCTGAGATCAA 4820  
DB 2 TCAGCAGCAAGATCTA 20

RESULT 643  
US-08-707-3998-6  
Sequence 6, Application US/087073998  
Patent No. 6008014  
GENERAL INFORMATION:  
APPLICANT: Acton, Susan and Gimeno, Carlos  
TITLE OF INVENTION: Lipid Metabolic Pathway Compositions  
TITLE OF INVENTION: and Therapeutic and Diagnostic Uses Therefor  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LAHIVE & COCKFIELD, LLP  
STREET: 28 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/707,3998  
FILING DATE: September 4, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: Amy E. Mandragouras  
REGISTRATION NUMBER: 36,207  
REFERENCE/DOCKET NUMBER: MNI-006  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617)227-7400  
TELEFAX: (617)227-5941  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
MOLECULE TYPE: linear  
US-08-707-3998-6

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3312 GCAGAACACCTGATGAC 3330  
DB 2 GAAGAGAACGAGATGAC 20

RESULT 644  
US-08-459-595A-57  
Sequence 57, Application US/08459595A  
Patent No. 6018104  
GENERAL INFORMATION:  
APPLICANT: Kozziel, Michael G.  
APPLICANT: Desai, Nalini M.  
APPLICANT: Lewis, Kelly S.  
APPLICANT: Kramer, Vance C.  
APPLICANT: Warren, Gregory W.  
APPLICANT: Evola, Stephen V.  
APPLICANT: Crossland, Lytle D.  
APPLICANT: Wright, Martha S.  
APPLICANT: Merlino, Ellis J.  
APPLICANT: Launius, Karen L.  
APPLICANT: Rothenstein, Steven J.  
APPLICANT: Bowman, Cindy G.  
APPLICANT: Dawson, John L.  
APPLICANT: Dunder, Erik M.  
APPLICANT: Pace, Gary M.  
APPLICANT: Suttie, Janet L.  
TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED  
TITLE OF INVENTION: INSECTICIDAL ACTIVITY IN MAIZE  
NUMBER OF SEQUENCES: 94  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 6018104artis Corporation  
STREET: Patent & Trademark Dept., 520 White Plains  
CITY: Tarrytown  
STATE: New York  
COUNTRY: USA  
ZIP: 10591-9005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/459,595A  
FILING DATE: 02-JUN-1995  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/951,715  
FILING DATE: 25-SEP-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/772,027  
FILING DATE: 04-OCT-1991  
ATTORNEY/AGENT INFORMATION:



```

APPLICANT: Dawson, John L.
APPLICANT: Dunder, Erik M.
APPLICANT: Pace, Gary M.
APPLICANT: Suttie, Janet L.
TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
TITLE OF INVENTION: INSECTICIDAL ACTIVITY IN MAIZE
NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSER: No. 607518artis Corporation
STREET: 3054 Cornwallis Road
CITY: Research Triangle Park
STATE: NC
COUNTRY: USA
ZIP: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,504B
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/459,595
FILING DATE: 02-JUN-1995
APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: CGC1577/CIP/DIV
TELEPHONE: (919)541-8587
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer MK25A28"
HYPOTHEtical: NO
US-08-459-504B-57

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3113 ACCAGACCTGACCGAGCT 3131
DB 2 AGCTGACCTGACCGTCT 20

RESULT 648
US-08-478-087-13/c
Sequence 13, Application US/08478087
Patent No. 6077685
GENERAL INFORMATION:
APPLICANT: Trofatter, James A.
APPLICANT: MacCollin, Mia M.
APPLICANT: Guebella, James F.
TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
TITLE OF INVENTION: Theof
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, N.W., Suite 600
CITY: Washington
```

```

STATE: D. C.
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,087
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/171,718
FILING DATE: 22-DEC-1993
APPLICATION NUMBER: US 08/108,808
FILING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022,034
FILING DATE: 25-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/026,063
FILING DATE: 04-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Anne
REGISTRATION NUMBER: 36,463
REFERENCE/DOCKET NUMBER: 0609.3850003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-478-087-13

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTGGCCAGGCAAGTGAAG 1567
DB 20 CAGGCCAGGAGGAGGAGG 2

RESULT 649
US-09-166-186-139
Sequence 139, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- $\alpha$  EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 139
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: antisense sequence
US-09-166-186-139

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Qy 60 TGGGTTCTGAAGCCCAT 78  
Db 2 TGAATTGGAAGCCCAT 20

## RESULT 650

US-09-249-730-113  
Sequence 113, Application US/09249730  
Patent No. 6121000  
GENERAL INFORMATION:  
APPLICANT: WRIGHT, Jim A.  
APPLICANT: YOUNG, Aiding H.  
TITLE OF INVENTION: Anticumor Antisense Sequences Directed Against R1 and  
FILE REFERENCE: 032396-040  
CURRENT APPLICATION NUMBER: US/09/249,730  
NUMBER OF SEQ ID NOS: 220  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 113  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Human  
US-09-249-730-113

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4802 TCAGCAGCTGAAGTATCA 4820  
Db 2 TCAGCAGCTGAAGTATCTA 20

## RESULT 651

US-08-459-444-57  
Sequence 57, Application US/08459444A  
Patent No. 6121014  
GENERAL INFORMATION:  
APPLICANT: Koziel, Michael G.  
Desai, Nalini M.  
Lewis, Kelly S.  
Kramer, Vance C.  
Warren, Gregory W.  
Evola, Stephen V.  
Crossland, Lyle D.  
Wright, Martha S.  
Merlin, Ellis J.  
Launis, Karen L.

TITLE OF INVENTION: METHOD FOR PRODUCING A PLANT-OPTIMIZED  
NUCLEIC ACID CODING SEQUENCE

NUMBER OF SEQUENCES: 94  
CORRESPONDENCE ADDRESS:  
ADDRESSER: No. 6121014artis Agribusiness Biotechnology Research, Inc.  
STREET: 3054 Cornwallis Road  
CITY: Research Triangle Park  
STATE: NC  
COUNTRY: USA  
ZIP: 27709

## COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/459,444A  
FILING DATE: 02-Jun-1995  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/951,715  
FILING DATE: 25-Sep-1992  
APPLICATION NUMBER: US 07/772,027  
FILING DATE: 04-Oct-1991

ATTORNEY/AGENT INFORMATION:  
NAME: Meigs, J. Timothy  
REGISTRATION NUMBER: 38,241  
REFERENCE/DOCKET NUMBER: S-18805/P1/CGC1577/CIF/DIV6  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (919)541-8587  
TELEFAX: (919)541-8689  
INFORMATION FOR SEQ ID NO: 57:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer MK25A28"  
HYPOTHETICAL: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 57:  
US-08-459-444-57

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3113 ACCGAGCCTGACCGAGCT 3131  
Db 2 AGCTGACCTGACCGTGTCT 20

## RESULT 652

US-09-032-894-56/c  
Sequence 56, Application US/09032894  
Patent No. 6130041  
GENERAL INFORMATION:  
APPLICANT: Acton, Susan L.  
TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR  
FILE REFERENCE: MIA-005.03  
CURRENT APPLICATION NUMBER: US/09/032,894  
EARLIER FILING DATE: 1998-02-27  
EARLIER APPLICATION NUMBER: 08/890,980  
EARLIER FILING DATE: 1997-07-10  
NUMBER OF SEQ ID NOS: 121  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 56  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Human  
US-09-032-894-56

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1222 TGGGCTGGGTGGTAGGA 1240  
Db 19 TGGGCTGGGTGGTAGGA 1

## RESULT 653

US-09-287-796-32  
Sequence 32, Application US/09287796A  
Patent No. 6133246  
GENERAL INFORMATION:  
APPLICANT: McKay, Robert A.  
APPLICANT: Dean, Nicholas W.  
APPLICANT: Monla, Brett  
APPLICANT: Nero, Pam  
APPLICANT: Gaarde, William A.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS  
FOR THE MODULATION OF DNA PROTEINS  
FILE REFERENCE: ISPH-0350  
CURRENT APPLICATION NUMBER: US/09/287,796A  
FILING DATE: 1999-04-07  
EARLIER APPLICATION NUMBER: 09/130,616

EARLIER FILING DATE: 1998-08-07  
EARLIER APPLICATION NUMBER: 08/910,629  
EARLIER FILING DATE: 1997-08-03  
NUMBER OF SEQ ID NOS: 165  
SEQ ID NO 32  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-09-287-796-32

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3749 AGCATGACTCTGGGCCC 3767  
DB 2 AGATGACTCTGGGCCC 20

RESULT 654  
US-08-961-810-64  
Sequence 64, Application US/08961810  
Patent No. 6165713

GENERAL INFORMATION:  
APPLICANT: Liskay, Robert M.  
APPLICANT: Bronner, C. Eric  
APPLICANT: Baker, Sean M.  
APPLICANT: Bollag, Roni J.  
APPLICANT: Kolodner, Richard D.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATING TO DNA  
TITLE OF INVENTION: MISMATCH REPAIR GENES  
NUMBER OF SEQUENCES: 134  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kolisch, Hartwell, Dickinson, McCormack &  
ADDRESSEE: Heuser  
STREET: 520 S.W. Yamhill Street, Suite 200  
CITY: Portland  
STATE: Oregon  
COUNTRY: U.S.A.  
ZIP: 97204  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION NUMBER: US/08/961,810  
APPLICATION NUMBER: US/08/961,810  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Van Rysselberghe, Pierre C.  
REGISTRATION NUMBER: 33,557  
REFERENCE/DOCKET NUMBER: OHSU 306B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (503) 224-6655  
TELEFAX: (503) 295-6679  
TELEX: 360619  
INFORMATION FOR SEQ ID NO: 64:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1  
OTHER INFORMATION: /note="primers directed to genomic  
OTHER INFORMATION: intron DNA"  
US-08-961-810-64

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 335 GGCTTTCTACCACTCCC 353  
DB 2 GGCTTTCTACCACTCCC 20

RESULT 655  
US-09-428-696-24/c  
Sequence 24, Application US/09428696  
Patent No. 6165789

GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowbert  
TITLE OF INVENTION: ANTISENSE MODULATION OF HNRNP A1 EXPRESSION  
FILE REFERENCE: RTS-0111  
CURRENT APPLICATION NUMBER: US/09/428,696  
CURRENT FILING DATE: 1999-10-27  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 24  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-428-696-24

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4663 CAGATCGGAGAGCTTTCA 4681  
DB 20 CAGCTGAGGAGCTTTCA 2

RESULT 656  
US-09-428-696-46  
Sequence 46, Application US/09428696  
Patent No. 6165789  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowbert  
TITLE OF INVENTION: ANTISENSE MODULATION OF HNRNP A1 EXPRESSION  
FILE REFERENCE: RTS-0111  
CURRENT APPLICATION NUMBER: US/09/428,696  
CURRENT FILING DATE: 1999-10-27  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 46  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-428-696-46

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2149 ACTTCCAGACCAACCA 2167  
DB 2 ACCTCCAGACCAACCA 20

RESULT 657  
US-09-435-296-79/c  
Sequence 79, Application US/09435296  
Patent No. 6171860  
GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker  
APPLICANT: Lex M. Cowbert

;; TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION  
;; FILE REFERENCE: RTS-0116  
;; CURRENT APPLICATION NUMBER: US/09/435,296  
;; CURRENT FILING DATE: 1999-11-05  
;; NUMBER OF SEQ ID NOS: 89  
;; SEQ ID NO 79  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Antisense Oligonucleotide  
;; US-09-435-296-79

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3598 CAGGCTATCTCAACTCC 3616  
Db 19 CAGCTGTCTCAACTCC 1

RESULT 658  
US-09-295-026-7/c  
; Sequence 7, Application US/09295026  
; Patent No. 6177249  
; GENERAL INFORMATION:  
; APPLICANT: Kwok, Pui-Yan  
; TITLE OF INVENTION: Method for Nucleic Acid Analysis Using  
; Fluorescence Resonance Energy Transfer  
; NUMBER OF SEQUENCES: 34  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Howell & Haferkamp, L.C.  
; STREET: 7733 Forsyth Boulevard, Suite 1400  
; CITY: St. Louis  
; STATE: MO  
; COUNTRY: USA  
; ZIP: 63105-1817  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/295,026  
; FILING DATE: 20-Apr-1999  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/767,979  
; FILING DATE: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Holland, Donald R  
; REGISTRATION NUMBER: 35,197  
; REFERENCE/DOCKET NUMBER: 96-5219  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 314-727-5188  
; TELEFAX: 314-727-6092  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "D1889p2; SYNTHETIC PCR  
; HYPOTHEetical: NO  
; ANTI-SENSE: NO  
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
US-09-295-026-7

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2555 TAAGTATGAGGGGAGAG 2573  
Db 20 TAAGTATGAGGGGAGAG 2

RESULT 659  
US-09-490-692-51/c  
; Sequence 51, Application US/09490692  
; Patent No. 6180353  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas M. Dean  
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION  
; FILE REFERENCE: RTS-0120  
; CURRENT APPLICATION NUMBER: US/09/490,692  
; CURRENT FILING DATE: 2000-01-24  
; NUMBER OF SEQ ID NOS: 176  
; SEQ ID NO 51  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
; US-09-490-692-51

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 935 GACAGCTGCTGACACATC 953  
Db 20 GACAGCTGCTGACACATC 2

RESULT 660  
US-08-766-528-71  
; Sequence 71, Application US/08766528  
; Patent No. 6190861  
; GENERAL INFORMATION:  
; APPLICANT: Jay A. Fishman  
; TITLE OF INVENTION: MOLECULAR SEQUENCE OF SWINE RETROVIRUS  
; TITLE OF INVENTION: AND METHODS OF USE  
; NUMBER OF SEQUENCES: 74  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: LAHIVE & COCKFIELD, LLP  
; STREET: 60 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109-1875  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/766,528  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/572,645  
; FILING DATE: 14-DEC-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Louis Myers  
; REGISTRATION NUMBER: 35,965  
; REFERENCE/DOCKET NUMBER: MGP-038CP  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617)227-7400  
; TELEFAX: (617)227-5941  
; INFORMATION FOR SEQ ID NO: 71:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-766-528-71

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3559 CAGAGACTGGATCAGAGA 3577  
DB 1 CAGAGACTCAGAGACAGAGA 19

RESULT 661  
US-08-352-902D-64  
Sequence 64, Application US/08352902D  
Patent No. 6191268

GENERAL INFORMATION:  
APPLICANT: Liskay, Robert M.  
Bromner, C. Eric

Baker, Sean M.  
Bollag, Roni J.

Kolodner, Richard D.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATING TO DNA  
MISMATCH REPAIR GENES

NUMBER OF SEQUENCES: 149  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Kolisch, Hartwell, Dickinson, McCormack &  
Heuser  
STREET: 520 S.W. Yamhill Street, Suite 200  
City: Portland

STATE: Oregon  
COUNTRY: U.S.A.  
ZIP: 97204

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/352,902D  
FILING DATE: 09-Dec-1994

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:  
NAME: Van Rysselberghe, Pierre C.

REGISTRATION NUMBER: 33,557  
REFERENCE/DOCKET NUMBER: OHSU 306B

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (503) 224-6655

TELEFAX: (503) 295-6679  
TELEX: 360619

INFORMATION FOR SEQ ID NO: 64:

SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

FEATURE:  
NAME/KEY: misc\_feature

LOCATION: 1  
OTHER INFORMATION: /note= "primers directed to genomic  
intron DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 64:  
US-08-352-902D-64

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 335 GGCTTTCCACACTGCC 353  
||||||| ||| |||||

DB 2 GGCTTTTCTCCCCCTCCC 20

RESULT 662  
US-09-226-012-30  
Sequence 30, Application US/09226012

Patent No. 6207383

GENERAL INFORMATION:  
APPLICANT: Keating, Mark T.

APPLICANT: Splawski, Igor  
TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT  
FILE REFERENCE: 2323-136

CURRENT APPLICATION NUMBER: US/09/226,012  
CURRENT FILING DATE: 1999-01-06

EARLIER APPLICATION NUMBER: 09/122,847  
EARLIER FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 116  
SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 30

LENGTH: 20

TYPE: DNA

ORGANISM: Homo sapiens

US-09-226-012-30  
Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1512 CACTGCGAGGGGCTGCT 1530  
DB 1 CACTGCGAGGAGCTGCT 19

RESULT 663  
US-08-482-918-32/C  
Sequence 32, Application US/08482918

Patent No. 6207417

GENERAL INFORMATION:  
APPLICANT: Zeebo, Kristina M.

APPLICANT: Boeselman, Robert A.  
APPLICANT: Suggs, Sidney V.

APPLICANT: Martin, Francis H.  
TITLE OF INVENTION: Stem Cell Factor

NUMBER OF SEQUENCES: 104  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
City: Chicago

STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60606-6402

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/482,918  
FILING DATE: 07-JUN-1995

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W.

REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 01017/33005

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300

TELEFAX: 312/474-0448  
TELEX: 25-3856

INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs  
TYPE: nucleic acid



STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-482-918-32

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAAGAAAAATGAAA 5420  
|||||  
DB 19 CAAAAAAGAAAAA 1

RESULT 664  
US-08-482-918-33/c  
Sequence 33, Application US/08482918  
Patent No. 6207417  
GENERAL INFORMATION:  
APPLICANT: Zsebo, Krisztina M.  
APPLICANT: Bosseiman, Robert A.  
APPLICANT: Suggs, Sidney V.  
APPLICANT: Martin, Francis H.  
TITLE OF INVENTION: Stem Cell Factor  
NUMBER OF SEQUENCES: 104  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/482,918  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W.  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 01017/33005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-482-918-33

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGA 5410  
|||||  
DB 19 TAAAAAAGAAAAA 1

RESULT 665  
US-09-224-681-32/c  
Sequence 32, Application US/09224681  
Patent No. 6207454  
GENERAL INFORMATION:  
APPLICANT: Zsebo, Krisztina M.

APPLICANT: Bosseiman, Robert A.  
APPLICANT: Suggs, Sidney V.  
APPLICANT: Martin, Francis H.  
TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene  
Transfer with Stem Cell Factor (SCF) Polypeptide  
NUMBER OF SEQUENCES: 104  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/224,681  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/005,893  
FILING DATE: 12-JAN-1998  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/449,653  
FILING DATE: 24-MAY-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/982,255  
FILING DATE: 25-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/589,701  
FILING DATE: 01-OCT-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/573,616  
FILING DATE: 24-AUG-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/537,198  
FILING DATE: 11-JUN-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/422,383  
FILING DATE: 16-OCT-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W.  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 01017/35199  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX:  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-224-681-32

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAAGAAAAATGAAA 5420  
|||||  
DB 19 CAAAAAAGAAAAA 1

RESULT 666  
US-09-224-681-33/c

```
; Sequence 33, Application US/09224681
; Patent No. 6207454
; GENERAL INFORMATION:
; APPLICANT: Zeebo, Krisztina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene
; TITLE OF INVENTION: Transfer with Stem Cell Factor (SCF) Polypeptide
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/224,681
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/005,893
; FILING DATE: 12-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/449,653
; FILING DATE: 24-MAY-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/35199
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX:
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-224-681-33

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
RESULT 667
US-08-336-728A-32/C
; Sequence 32, Application US/08336728A
; Patent No. 6207802
; GENERAL INFORMATION:
; APPLICANT: Zeebo, Krisztina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/336,728A
; FILING DATE: 09-NOV-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/32956
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-336-728A-32

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 5402 CAAAAAGCAAAAATGAA 5420
Db 19 CAAAAAAGCAAAAATGAA 1
US-08-336-728A-33/C
; Sequence 33, Application US/08336728A
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/ Patent No. 6207802
/ GENERAL INFORMATION:
/ APPLICANT: Zeebo, Kristina M.
/ APPLICANT: Bosseleman, Robert A.
/ APPLICANT: Sussan, Sidney V.
/ APPLICANT: Martin, Francis H.
/ TITLE OF INVENTION: Stem Cell Factor
/ NUMBER OF SEQUENCES: 104
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
/ STREET: 6300 Sears Tower, 233 South Wacker Drive
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: United States of America
/ ZIP: 60606-6402
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/336,728A
/ FILING DATE: 09-NOV-1994
/ CLASSIFICATION: 424
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/982,255
/ FILING DATE: 25-NOV-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/589,701
/ FILING DATE: 01-OCT-1990
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/573,616
/ FILING DATE: 24-AUG-1990
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/537,198
/ FILING DATE: 11-JUN-1990
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/422,383
/ FILING DATE: 16-OCT-1989
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Clough, David W.
/ REGISTRATION NUMBER: 36,107
/ REFERENCE/DOCKET NUMBER: 01017/32956
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 312/474-6300
/ TELEFAX: 312/474-0448
/ TELEX: 25-3856
/ INFORMATION FOR SEQ ID NO: 33:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULAR TYPE: DNA
/ US-08-336-728A-33

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5392 TAAATAATACAAATAAGA 5410
DB 19 TAAATAATACAAATAAGA 1
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/ TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
/ FILE REFERENCE: FUSIONS
/ CURRENT APPLICATION NUMBER: US/09/244,794A
/ PRIOR APPLICATION NUMBER: 60/035,963
/ PRIOR FILING DATE: 1997-01-27
/ PRIOR APPLICATION NUMBER: 60/064,491
/ PRIOR FILING DATE: 1997-11-06
/ PRIOR APPLICATION NUMBER: 09/007,005
/ PRIOR FILING DATE: 1998-01-14
/ NUMBER OF SEQ ID NOS: 33
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 31
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: DNA splint
/ US-09-244-794A-31

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5397 AAATACAAAAGCAAAAA 5415
DB 19 AAATACCAAAAAGCAAAAA 1

RESULT 670
US-09-130-616-32
/ Sequence 32, Application US/09130616C
/ Patent No. 6221850
/ GENERAL INFORMATION:
/ APPLICANT: McKay, Robert A.
/ APPLICANT: Dean, Nicholas M.
/ APPLICANT: Monla, Brett
/ APPLICANT: Nero, Pam
/ APPLICANT: Gaarde, William A.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
/ FILE REFERENCE: ISPH-0318
/ CURRENT APPLICATION NUMBER: US/09/130,616C
/ CURRENT FILING DATE: 1998-08-07
/ EARLIER APPLICATION NUMBER: 08/910,629
/ EARLIER FILING DATE: 1997-08-03
/ NUMBER OF SEQ ID NOS: 178
/ SEQ ID NO 32
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
/ US-09-130-616-32

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3749 ACGATGACTCTGCGGCC 3767
DB 2 ACGATGACTCTGCGGCC 20

RESULT 671
US-09-031-626-56/c
/ Sequence 56, Application US/09031626
/ Patent No. 6226581
/ GENERAL INFORMATION:
/ APPLICANT: Acton, Susan L.
/ APPLICANT: Ordovas, Jose M.
/ TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
```

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; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS
; FILE REFERENCE: MIA-005.04
; CURRENT APPLICATION NUMBER: US/09/031,626
; CURRENT FILING DATE: 1998-02-27
; EARLIER APPLICATION NUMBER: 08/890,979
; EARLIER FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-031-626-56

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1222 TGGCGACGGGTGTAGGAA 1240
DB      19  TGGGCTGGGGTGGTGGGAA 1

RESULT 672
US-09-313-932-139
; Sequence 139, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline W.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 139
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-139

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      60  TGGGTTCTGAAGCCCATTT 78
DB      2   TGAATTCGGAAGCCCATTT 20

RESULT 673
US-09-560-594-42
; Sequence 42, Application US/09560594
; Patent No. 6242590
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF ZINC FINGER PROTEIN-217 EXPRESSION
; FILE REFERENCE: RTS-0144
; CURRENT APPLICATION NUMBER: US/09/560,594
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-560-594-42
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Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2325 CTCACCTCTTGAAGATG 2343
DB      1   CTACACTCTTGAAGATG 19

RESULT 674
US-09-007-005-31/C
; Sequence 31, Application US/09007005B
; Patent No. 6258558
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Izu, Rihé
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: FUSIONS
; CURRENT APPLICATION NUMBER: US/09/007,005B
; CURRENT FILING DATE: 1998-01-14
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA splint
US-09-007-005-31

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5397 AAATCAAAAAGAAAAA 5415
DB      19  AAATACCACAAAAAAA 1

RESULT 675
US-09-377-309-84/C
; Sequence 84, Application US/09377309B
; Patent No. 6258790
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Condon, Tom P.
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
; FILE REFERENCE: ISPH-0390
; CURRENT APPLICATION NUMBER: US/09/377,309B
; CURRENT FILING DATE: 1999-08-19
; EARLIER APPLICATION NUMBER: 09/166,203
; EARLIER FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 99
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-377-309-84

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 4958 ATTATGTCATCCAGCAG 4976  
|||||  
Db 19 ATTATGTCATCCAGCAG 1

RESULT 676  
US-09-247-190-31/c  
; Sequence 31, Application US/09247190  
; Patent No. 6261804  
; GENERAL INFORMATION:  
; APPLICANT: Szostak, Jack W.  
; APPLICANT: Roberts, Richard W.  
; APPLICANT: Liu, Rihue  
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN  
; TITLE OF INVENTION: FUSIONS  
; FILE REFERENCE: 00786/350005  
; CURRENT APPLICATION NUMBER: US/09/247,190  
; CURRENT FILING DATE: 1999-02-09  
; EARLIER APPLICATION NUMBER: 60/035,963  
; EARLIER FILING DATE: 1997-01-21  
; EARLIER APPLICATION NUMBER: 60/064,491  
; EARLIER FILING DATE: 1997-11-06  
; EARLIER APPLICATION NUMBER: 09/007,005  
; EARLIER FILING DATE: 1998-01-14  
; NUMBER OF SEQ ID NOS: 38  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 31  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: DNA eplint  
US-09-247-190-31

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5397 AATATCAAAAAGAAAAA 5415  
|||||  
Db 19 AATATCAAAAAGAAAAA 1

RESULT 677  
US-09-487-368A-120  
; Sequence 120, Application US/09487368A  
; Patent No. 6261840  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowseert  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION  
; FILE REFERENCE: RTS-0093  
; CURRENT APPLICATION NUMBER: US/09/487,368A  
; CURRENT FILING DATE: 2000-01-18  
; NUMBER OF SEQ ID NOS: 240  
; SEQ ID NO 120  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-487-368A-120

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 196 TGCCACACCCCATCTCCC 214  
|||||  
Db 1 TGCTCCACACCATCTCCC 19

RESULT 678

US-09-487-368A-121  
; Sequence 121, Application US/09487368A  
; Patent No. 6261840  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowseert  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION  
; FILE REFERENCE: RTS-0093  
; CURRENT APPLICATION NUMBER: US/09/487,368A  
; CURRENT FILING DATE: 2000-01-18  
; NUMBER OF SEQ ID NOS: 240  
; SEQ ID NO 121  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-487-368A-121

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 196 TGCCACACCCCATCTCCC 214  
|||||  
Db 2 TGCTCCACACCATCTCCC 20

RESULT 679  
US-09-489-869-27  
; Sequence 27, Application US/09489869A  
; Patent No. 6268151  
; GENERAL INFORMATION:  
; APPLICANT: Susan Murray  
; APPLICANT: Lex M. Cowseert  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR  
; FILE REFERENCE: RTS-0110  
; CURRENT APPLICATION NUMBER: US/09/489,869A  
; CURRENT FILING DATE: 2000-01-20  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 27  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-489-869-27

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3921 CCAGTCTCTGGTGAGATC 3939  
|||||  
Db 1 CCAGTCTCTGGTGAGATC 19

RESULT 680  
US-09-543-106-8  
; Sequence 8, Application US/09543106  
; Patent No. 6270977  
; GENERAL INFORMATION:  
; APPLICANT: Klam, Richard C.  
; APPLICANT: Klam, Richard C.  
; TITLE OF INVENTION: A SPECIFIC, HIGHLY SENSITIVE, NESTED PCR  
; DETECTION SCHEME FOR THE PSEUDORABIES VIRUS  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: W. Murray Sprull (Aleton & Bird, LLP)  
; STREET: 3605 Glenwood Ave. Suite 310  
; CITY: Raleigh  
; STATE: NC  
; COUNTRY: US

ZIP: 27622  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/543,106  
FILING DATE: 05-Apr-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/069,811  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Spruill, W. Murray  
REGISTRATION NUMBER: 32,943  
REFERENCE/DOCKET NUMBER: 5626-16  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919 420 2202  
TELEFAX: 919 881 3175  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "Synthetic oligonucleotide"  
SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
US-09-543-106-8

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2325 CTCGACCTTTTGAAGTG 2343  
Db 1 CTCGACCTCTCGACGATG 19

RESULT 681  
US-09-244-796-31/c  
Sequence 31, Application US/09244796  
Patent No. 6281344  
GENERAL INFORMATION:  
APPLICANT: Szostak, Jack W.  
APPLICANT: Roberts, Richard W.  
APPLICANT: Liu, Rihue  
TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN  
FILE REFERENCE: 00786/350007  
CURRENT APPLICATION NUMBER: US/09/244,796  
CURRENT FILING DATE: 1999-02-05  
EARLIER APPLICATION NUMBER: 60/035,963  
EARLIER FILING DATE: 1997-01-27  
EARLIER APPLICATION NUMBER: 60/064,491  
EARLIER FILING DATE: 1997-11-06  
EARLIER APPLICATION NUMBER: 09/007,005  
EARLIER FILING DATE: 1998-01-14  
NUMBER OF SEQ ID NOS: 33  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 31  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: DNA splint  
US-09-244-796-31

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5397 AATACAAAAAGAAAAA 5415  
Db 19 AATACCACAAAAAAAA 1

RESULT 682  
US-08-803-346-47/c  
Sequence 47, Application US/08803346  
Patent No. 6281346  
GENERAL INFORMATION:  
APPLICANT: HESS, JOHN W.  
APPLICANT: CASKEY, C. THOMAS  
APPLICANT: LIU, QINGYUN  
APPLICANT: PHILLIPS, MICHAEL SEAN  
TITLE OF INVENTION: RAT OB RECEPTORS AND NUCLEOTIDES  
TITLE OF INVENTION: ENCODING THEM  
NUMBER OF SEQUENCES: 77  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/803,346  
FILING DATE: 20-FEB-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEY, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19642Y  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 732-594-3046  
TELEFAX: 732-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 47:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-803-346-47

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3509 AGGCGCTGATACGGGAGA 3527  
Db 20 AGGCGCTGAATTCGTGAGA 2

RESULT 683  
US-09-484-617-159  
Sequence 159, Application US/09484617  
Patent No. 6303374  
GENERAL INFORMATION:  
APPLICANT: Hong Zhang  
APPLICANT: Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION  
FILE REFERENCE: RTS-0103  
CURRENT APPLICATION NUMBER: US/09/484,617  
CURRENT FILING DATE: 2000-01-18

NUMBER OF SEQ ID NOS: 176  
SEQ ID NO 159  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-484-617-159

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1830 GGATGCACTGCTGGGCACT 1848  
DB 2 GGCTGCACTGCTAGGCACT 20

RESULT 684  
US-08-890-865A-5  
Sequence 5, Application US/08890865A  
Patent No. 6307019  
GENERAL INFORMATION:  
APPLICANT: Constantini, Franklin  
APPLICANT: Zeng, Li  
TITLE OF INVENTION: AXIN GENE AND USES THEREOF  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham LLP  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: US  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/890,865A  
FILING DATE: 10-JUL-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 0575/54249  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212)278-0400  
TELEFAX: (212)391-0526  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-890-865A-5

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2569 GAGAGAGAGATGAGAACCA 2587  
DB 1 GAGGAGAGAGAGAGATCA 19

RESULT 685  
US-09-364-416-78  
Sequence 78, Application US/09364416  
Patent No. 6312900  
GENERAL INFORMATION:

APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.  
APPLICANT: Miraglia, Brenda F. Baker  
TITLE OF INVENTION: Antisense Oligonucleotide  
TITLE OF INVENTION: Compositions and Methods for the Modulation of  
TITLE OF INVENTION: Activating Protein 1  
NUMBER OF SEQUENCES: 139  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.1  
FILING DATE:  
APPLICATION NUMBER: US/09/364,416  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/837,201  
FILING DATE: April 14, 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0209  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 810-1515  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 78:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-09-364-416-78

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 339 TTTCCTACCACTCCCTC 357  
DB 1 TTTCCTCCACTGCCCTC 19

RESULT 686  
US-09-364-416-95/c  
Sequence 95, Application US/09364416  
Patent No. 6312900  
GENERAL INFORMATION:  
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.  
APPLICANT: Miraglia, Brenda F. Baker  
TITLE OF INVENTION: Antisense Oligonucleotide  
TITLE OF INVENTION: Compositions and Methods for the Modulation of  
TITLE OF INVENTION: Activating Protein 1  
NUMBER OF SEQUENCES: 139  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.1

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/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/364,416
/ FILING DATE:
/ CLASSIFICATION:
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: US/08/837,201
/ FILING DATE: April 14, 1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Jane Massey Licata
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0209
/ TELEPHONE: (609) 810-1515
/ TELEFAX: (609) 810-1454
/ INFORMATION FOR SEQ ID NO: 95:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-364-416-95

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 339 TTTCCTACGACGTCCTC 357
DB 20 TTTCCTCAGCTGCCCCCTC 2

RESULT 687
/ US-09-326-186B-216/c
/ Sequence 216, Application US/09326186B
/ Patent No. 6313906
/ GENERAL INFORMATION:
/ APPLICANT: Bennett, Clarence Frank
/ APPLICANT: Vickers, Timothy A.
/ TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
/ FILE REFERENCE: ISPH-0376
/ CURRENT APPLICATION NUMBER: US/09/326,186B
/ CURRENT FILING DATE: 1999-06-04
/ PRIOR APPLICATION NUMBER: 08/777,266
/ PRIOR FILING DATE: 1996-12-31
/ NUMBER OF SEQ ID NOS: 226
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 216
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
/ US-09-326-186B-216

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 794 GCCACTCTCCCTCATTTCC 812
DB 19 GCCTCTCTCTTTCATTTCC 1

RESULT 688
/ US-09-547-422-57
/ Sequence 57, Application US/09547422
/ Patent No. 6320100
/ GENERAL INFORMATION:
/ APPLICANT: Kozziel, Michael G.
/ APPLICANT: Desai, Nalini M.
/ APPLICANT: Lewis, Kelly S.
```

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/ Kramer, Vance C.
/ Warren, Gregory W.
/ Evola, Stephen V.
/ Crossland, Lyle D.
/ Wright, Martha S.
/ Merlin, Ellis J.
/ Laubis, Karen L.
/ TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
/ INSECTICIDAL ACTIVITY IN MAIZE
/ NUMBER OF SEQUENCES: 94
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: No. 6320100artis Agribusiness Biotechnology Research, Inc.
/ STREET: 3054 Cornwallis Road
/ CITY: Research Triangle Park
/ STATE: NC
/ COUNTRY: USA
/ ZIP: 27709
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/547,422
/ FILING DATE: 11-Apr-2000
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/459,595
/ FILING DATE: 02-JUN-1995
/ APPLICATION NUMBER: US 07/951,715
/ FILING DATE: 25-SEP-1992
/ APPLICATION NUMBER: US 07/772,027
/ FILING DATE: 04-OCT-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Meigs, J. Timothy
/ REGISTRATION NUMBER: 38,241
/ REFERENCE/DOCKET NUMBER: S-18805H
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (919)541-8587
/ TELEFAX: (919)541-8689
/ INFORMATION FOR SEQ ID NO: 57:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "primer MK25A28"
/ HYPOTHETICAL: NO
/ SEQUENCE DESCRIPTION: SEQ ID NO: 57:
/ US-09-547-422-57

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3113 ACCGACCTGACCGAGCT 3131
DB 2 AGCTGACCTGACCGTCT 20

RESULT 689
/ US-09-651-011A-23/c
/ Sequence 23, Application US/09651011A
/ Patent No. 6346416
/ GENERAL INFORMATION:
/ APPLICANT: Nicholas M. Dean
/ APPLICANT: Lex M. Cowart
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HPK/GCK-LIKE KINASE EXPRESSION
/ FILE REFERENCE: RTS-0168
/ CURRENT APPLICATION NUMBER: US/09/651,011A
/ CURRENT FILING DATE: 2000-08-29
/ NUMBER OF SEQ ID NOS: 49
```



SEQ ID NO 23  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-651-011A-23

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5123 GCAAGAGAGATAGAGAGG 5141  
Db 20 GCAAGAGAGAGAGAGAG 2

RESULT 690  
US-09-702-251-55/c  
Sequence 55, Application US/09702251  
Patent No. 6372492  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Lex M. Cowbert  
TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION  
FILE REFERENCE: RTS-0199  
CURRENT APPLICATION NUMBER: US/09/702,251  
CURRENT FILING DATE: 2000-10-30  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 55  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-702-251-55

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3979 GACATCAAGGCTGAGCCTG 3997  
Db 20 GCCATCAAGGCTGATGCTG 2

RESULT 691  
US-09-732-199A-33  
Sequence 33, Application US/09732199A  
Patent No. 6379960  
GENERAL INFORMATION:  
APPLICANT: Ian Popoff  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 2, P4  
FILE REFERENCE: RTS-0214  
CURRENT APPLICATION NUMBER: US/09/732,199A  
CURRENT FILING DATE: 2000-12-06  
NUMBER OF SEQ ID NOS: 57  
SEQ ID NO 33  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-732-199A-33

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 4151 CCAGCTCTCCCTTGAG 4169  
|||||

Db 2 CCAGCTGTCCCATGGG 20

RESULT 692  
US-09-702-246-48  
Sequence 48, Application US/09702246  
Patent No. 6383809  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Lex M. Cowbert  
TITLE OF INVENTION: ANTISENSE MODULATION OF CTTHESIN-1 EXPRESSION  
FILE REFERENCE: RTS-0195  
CURRENT APPLICATION NUMBER: US/09/702,246  
CURRENT FILING DATE: 2000-10-30  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 48  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-702-246-48

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3759 CTGGGCCCCCAGGGGCT 3777  
Db 1 CTGAGGCTCCAGCTGGGCT 19

RESULT 693  
US-09-702-246-61  
Sequence 61, Application US/09702246  
Patent No. 6383809  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Lex M. Cowbert  
TITLE OF INVENTION: ANTISENSE MODULATION OF CTTHESIN-1 EXPRESSION  
FILE REFERENCE: RTS-0195  
CURRENT APPLICATION NUMBER: US/09/702,246  
CURRENT FILING DATE: 2000-10-30  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 61  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-702-246-61

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4767 CTGGAGAGGCGAGCAGAA 4785  
Db 2 CTGAGAGAGGCGAGCAGAA 20

RESULT 694  
US-09-851-520-88  
Sequence 88, Application US/09851520  
Patent No. 6399379  
GENERAL INFORMATION:  
APPLICANT: Susan M. Preker  
APPLICANT: Brenda F. Baker  
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P35 SUBUNIT EXPRESSION  
FILE REFERENCE: RTS-0241  
CURRENT APPLICATION NUMBER: US/09/851,520  
CURRENT FILING DATE: 2001-05-07  
NUMBER OF SEQ ID NOS: 88

```
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-520-88

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4602 TGGACAGTGTCTGAGCCG 4620
DB 2 TGGACAGTGTCTGAGCCG 20

RESULT 695
US-09-851-896-86/c
; Sequence 86, Application US/09851896
; Patent No. 6410325
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPENDENT)
; FILE REFERENCE: RTS-0220
; CURRENT APPLICATION NUMBER: US/09/851,896
; CURRENT FILING DATE: 2001-05-08
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-896-86

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 147 CCAGGACCCAGAGAGGGA 165
DB 20 CCAGGACCCAGAGAGGGA 2

RESULT 696
US-09-506-073-81/c
; Sequence 81, Application US/09506073
; Patent No. 6410518
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/506,073
; CURRENT FILING DATE: 2000-02-18
; EARLIER APPLICATION NUMBER: US 09/143,214
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: PCT/US98/13961
; EARLIER FILING DATE: 1998-07-06
; EARLIER APPLICATION NUMBER: US 08/888,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 81
; LENGTH: 20
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; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-506-073-81

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 663 GACAGTGCATGAGGTG 681
DB 19 GCAAGTGCATGAGATG 1

RESULT 697
US-09-657-452A-114
; Sequence 114, Application US/09657452A
; Patent No. 6426188
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
; FILE REFERENCE: RTS-0125
; CURRENT APPLICATION NUMBER: US/09/657,452A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 114
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-452A-114

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1739 TCTTCATCTCGATGTTGT 1757
DB 1 TCTTCATCTCGATGTTGT 19

RESULT 698
US-09-792-594-35
; Sequence 35, Application US/09792594
; Patent No. 6436706
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RECOL4 EXPRESSION
; FILE REFERENCE: RTS-0209
; CURRENT APPLICATION NUMBER: US/09/792,594
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-792-594-35

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4101 CCTGAGAGCCAGCCAGG 4119
DB 1 CGTGAAGATCCAGACAGG 19
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RESULT 699
US-09-661-753-15
; Sequence 15, Application US/09661753
; Patent No. 6436809
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan F. Murray
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA
; FILE REFERENCE: ISPH-0498
; CURRENT APPLICATION NUMBER: US/09/661,753
; CURRENT FILING DATE: 2000-09-14
; EARLIER APPLICATION NUMBER: 60/154,546
; EARLIER FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-661-753-15

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      3473 TCACGACGCGAAGCAAG 3491
Db      2 TCAGCAGCCGCTTACCAAG 20

RESULT 700
US-09-907-843-61/c
; Sequence 61, Application US/09907843
; Patent No. 6440739
; GENERAL INFORMATION:
; APPLICANT: Susan M. Preter
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
; FILE REFERENCE: RTS-0279
; CURRENT APPLICATION NUMBER: US/09/907,843
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-61

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      4965 GTCATGCCAGGATGCCA 4983
Db      19 GGCATGCCATGCTGCCA 1

RESULT 701
US-09-676-6108-142
; Sequence 142, Application US/096766108
; Patent No. 6444465
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyer
; APPLICANT: Susan M. Preter
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTS-0138
; CURRENT APPLICATION NUMBER: US/09/676,6108
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
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; SEQ ID NO 142
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-6108-142

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      4792 CTCCTGCCACTCAGCAGCT 4810
Db      2 CTCCTGCACCCAGCAGCT 20

RESULT 702
US-09-791-211-56/c
; Sequence 56, Application US/09791211
; Patent No. 6448080
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF WRN EXPRESSION
; FILE REFERENCE: RTS-0205
; CURRENT APPLICATION NUMBER: US/09/791,211
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-211-56

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      3698 GAGATGAATTCTGTGTGT 3916
Db      19 GAGATGAATTCACTGTGT 1

RESULT 703
US-08-275-951-27/c
; Sequence 27, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egnolm, Michael
; APPLICANT: Kiely, John
; APPLICANT: Griffen, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Nielsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Lell
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: IS151577
; CURRENT APPLICATION NUMBER: US/08/275,951
; CURRENT FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 08/088,658
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: 08/088,661
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: PCT/EP92/01219
; PRIOR FILING DATE: 1992-05-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-22
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; PRIOR APPLICATION NUMBER: 987/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1991-04-15
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
; NAME/KEY: misc_feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino
; OTHER INFORMATION: Hexanoic Acid, Lysine Linkage
US-08-275-951-27

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1190 AGAGAGAAATCAGAGAA 1208
Db      19 AGAGAGAGAAAGAGAGAA 1

RESULT 704
US-08-275-951-28/c
; Sequence 28, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kieley, John
; APPLICANT: Griffin, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Nielsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dieholm, Kim L.
; APPLICANT: Christensen, Leif
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS1577
; CURRENT APPLICATION NUMBER: US/08/275,951
; CURRENT FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 08/088,658
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: 08/088,661
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: PCT/EP92/01219
; PRIOR FILING DATE: 1992-05-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-22
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1991-04-15
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
; NAME/KEY: misc_feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: Lysine, Amino C1s-hexenoic Acid, Lysine, Amino
; OTHER INFORMATION: C1s-hexenoic Acid, Lysine Linkage
US-08-275-951-28

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1190 AGAGAGAAATCAGAGAA 1208
Db      19 AGAGAGAGAAAGAGAGAA 1

RESULT 705
US-08-275-951-29/c
; Sequence 29, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kieley, John
; APPLICANT: Griffin, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Nielsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dieholm, Kim L.
; APPLICANT: Christensen, Leif
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS1577
; CURRENT APPLICATION NUMBER: US/08/275,951
; CURRENT FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 08/088,658
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: 08/088,661
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: PCT/EP92/01219
; PRIOR FILING DATE: 1992-05-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-22
; PRIOR APPLICATION NUMBER: 987/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1991-04-15
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
; NAME/KEY: misc_feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: Hexynoic Acid, Lysine Linkage
US-08-275-951-29

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1190 AGAGAGAAATCAGAGAA 1208
Db      19 AGAGAGAGAAAGAGAGAA 1

RESULT 706
US-08-275-951-30/c
; Sequence 30, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kieley, John
; APPLICANT: Griffin, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Nielsen, Peter
; APPLICANT: Buchardt, Ole
```

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; BEST LOCAL SIMILARITY 84.2%; PRED. NO. 5.8E+02;
; MATCHES 16; CONSERVATIVE 0; MISMATCHES 3; INDELS 0; GAPS 0;

Qy      1190 AGAGAGAAATCAGAGAA 1208
Db      19 AGAGAGAGAAAGAGAGAA 1

RESULT 705
US-08-275-951-29/c
; Sequence 29, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kieley, John
; APPLICANT: Griffin, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Nielsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dieholm, Kim L.
; APPLICANT: Christensen, Leif
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS1577
; CURRENT APPLICATION NUMBER: US/08/275,951
; CURRENT FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 08/088,658
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: 08/088,661
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: PCT/EP92/01219
; PRIOR FILING DATE: 1992-05-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-22
; PRIOR APPLICATION NUMBER: 987/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1991-04-15
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
; NAME/KEY: misc_feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: Hexynoic Acid, Lysine Linkage
US-08-275-951-29

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1190 AGAGAGAAATCAGAGAA 1208
Db      19 AGAGAGAGAAAGAGAGAA 1

RESULT 706
US-08-275-951-30/c
; Sequence 30, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kieley, John
; APPLICANT: Griffin, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Nielsen, Peter
; APPLICANT: Buchardt, Ole
```

APPLICANT: Dueholm, Kim L.  
APPLICANT: Christensen, Leif  
TITLE OF INVENTION: Linked Peptide Nucleic Acids  
FILE REFERENCE: ISIS1577  
CURRENT APPLICATION NUMBER: US/08/275,951  
PRIOR FILING DATE: 1994-07-15  
PRIOR APPLICATION NUMBER: 08/108,591  
PRIOR FILING DATE: 1993-11-22  
PRIOR APPLICATION NUMBER: 08/088,658  
PRIOR FILING DATE: 1993-07-02  
PRIOR APPLICATION NUMBER: 08/088,661  
PRIOR FILING DATE: 1993-07-02  
PRIOR APPLICATION NUMBER: PCT/EP92/01219  
PRIOR FILING DATE: 1992-05-22  
PRIOR APPLICATION NUMBER: 986/91  
PRIOR FILING DATE: 1991-05-22  
PRIOR APPLICATION NUMBER: 987/91  
PRIOR FILING DATE: 1991-05-24  
PRIOR APPLICATION NUMBER: 510/92  
PRIOR FILING DATE: 1991-04-15  
NUMBER OF SEQ ID NOS: 65  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 30  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence  
NAME/KEY: misc\_feature  
LOCATION: (10)..(11)  
OTHER INFORMATION: Lysine, Meta-Amino Benzoic Acid, Lysine,  
OTHER INFORMATION: Meta-Amino Benzoic Acid, Lysine Linkage  
US-08-275-951-30

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1190 AGAGAGAAATCGAGAA 1208  
DB 19 AGAGAGAAAGAGAGAGAA 1

RESULT 707  
US-08-275-951-63/C  
Sequence 63, Application US/08275951  
GENERAL INFORMATION:  
APPLICANT: Eschholm, Michael  
APPLICANT: Kieley, John  
APPLICANT: Griffith, Michael  
APPLICANT: Coull, James M.  
APPLICANT: Neilsen, Peter  
APPLICANT: Buchardt, Ole  
APPLICANT: Dueholm, Kim L.  
TITLE OF INVENTION: Linked Peptide Nucleic Acids  
FILE REFERENCE: ISIS1577  
CURRENT APPLICATION NUMBER: US/08/275,951  
PRIOR FILING DATE: 1994-07-15  
PRIOR APPLICATION NUMBER: 08/108,591  
PRIOR FILING DATE: 1993-11-22  
PRIOR APPLICATION NUMBER: 08/088,658  
PRIOR FILING DATE: 1993-07-02  
PRIOR APPLICATION NUMBER: 08/088,661  
PRIOR FILING DATE: 1993-07-02  
PRIOR APPLICATION NUMBER: PCT/EP92/01219  
PRIOR FILING DATE: 1992-05-22  
PRIOR APPLICATION NUMBER: 986/91  
PRIOR FILING DATE: 1991-05-22  
PRIOR APPLICATION NUMBER: 987/91  
PRIOR FILING DATE: 1991-05-24  
PRIOR APPLICATION NUMBER: 510/92

PRIOR FILING DATE: 1991-04-15  
NUMBER OF SEQ ID NOS: 65  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 63  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence  
NAME/KEY: misc\_feature  
LOCATION: (10)..(11)  
OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol, Ethylene Glycol  
OTHER INFORMATION: Linkage  
US-08-275-951-63

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1190 AGAGAGAAATCGAGAA 1208  
DB 19 AGAGAGAAAGAGAGAGAA 1

RESULT 708  
US-09-091-952A-58/C  
Sequence 58, Application US/09091952A  
Patent No. 6458532  
GENERAL INFORMATION:  
APPLICANT: Delera-Wadleigh, Sevilla D.  
Gerahon, Elliot S.  
Badner, Judith A.  
Goldin, Lynn R.  
Berrettini, Wade H.  
Yoshikawa, Takeo  
Sanders, Alan R.  
Besterling, Lisa B.  
TITLE OF INVENTION: Chromosomal Markers and Diagnostic  
Tests for Manic-Depressive Illness  
NUMBER OF SEQUENCES: 197  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/091,952A  
FILING DATE: 19-Apr-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/029,278  
FILING DATE: 28-Oct-1996  
APPLICATION NUMBER: PCT/US97/19381  
FILING DATE: 28-Oct-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, Timothy L.  
REGISTRATION NUMBER: 35,367  
REFERENCE/DOCKET NUMBER: 015280-297100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 58:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid

```

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..20
; OTHER INFORMATION: CHLC.GGA16G02 forward primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 58:
US-09-091-952A-58

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4899 CCATCGTGTGGCTTCCA 4917
DB      20 CCCTGTGTTTCTTCTTCA 2

RESULT 709
US-09-360-416-9/c
; Sequence 9, Application US/09360416
; Patent No. 6458536
; GENERAL INFORMATION:
; APPLICANT: Richard A. Gatti
; TITLE OF INVENTION: METHODS FOR DETECTION OF ATAXIA
; FILE REFERENCE: 510015-222
; CURRENT APPLICATION NUMBER: US/09/360,416
; CURRENT FILING DATE: 1999-07-23
; NUMBER OF SEQ ID NOS: 143
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-360-416-9

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      316 CTGGGCTCTCTCCCTCCCT 334
DB      19 CTGACTCTCTCCCTCTCTCT 1

RESULT 710
US-09-535-008-22
; Sequence 22, Application US/09535008
; Patent No. 6465629
; GENERAL INFORMATION:
; APPLICANT: Wong, Alexander K.C.
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Teng, David H.-F.
; TITLE OF INVENTION: BRG1 IS A TUMOR SUPPRESSOR THAT IS MUTATED IN PROSTATE
; FILE REFERENCE: 2318-259
; CURRENT APPLICATION NUMBER: US/09/535,008
; CURRENT FILING DATE: 2000-03-23
; EARLIER APPLICATION NUMBER: U.S. 60/125,806
; EARLIER FILING DATE: 1999-03-23
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-535-008-22

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      3283 AGCCCCAGCCTGAAGAGC 3301
DB      1 AGCCTGGCCTGAAGAGC 19

RESULT 711
US-09-844-525A-18
; Sequence 18, Application US/09844525A
; Patent No. 6468796
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BIFUNCTIONAL APOPTOSIS REGULATOR EXPRESSION
; FILE REFERENCE: RTS-0230
; CURRENT APPLICATION NUMBER: US/09/844,525A
; CURRENT FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-525A-18

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1640 CCCAGTCCAAAGTGTGTGAG 1658
DB      2 CACAGTTCAAGGTGTGTGG 20

RESULT 712
US-09-844-525A-46
; Sequence 46, Application US/09844525A
; Patent No. 6468796
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BIFUNCTIONAL APOPTOSIS REGULATOR EXPRESSION
; FILE REFERENCE: RTS-0230
; CURRENT APPLICATION NUMBER: US/09/844,525A
; CURRENT FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-525A-46

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2674 TCCCTCCACTGCTGTAGC 2692
DB      1 TCTCTCACTGCTTCACG 19

RESULT 713
US-09-861-159-77
; Sequence 77, Application US/09861159
; Patent No. 6485974
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseart
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN2 EXPRESSION
; FILE REFERENCE: RTS-0243
```

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/ CURRENT APPLICATION NUMBER: US/09/861,159
/ CURRENT FILING DATE: 2001-05-18
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 77
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-861-159-77

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1846 AGTTGCTGGGGAACCTA 1864
Db 2 AGCTTGCTGGGCAAAATTA 20

RESULT 714
US-09-629-644A-120
/ Sequence 120, Application US/09629644A
/ Patent No. 6602857
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowseert
/ APPLICANT: Jacqueline Wyatt
/ APPLICANT: Susan M. Freiler
/ APPLICANT: Brett P. Monla
/ APPLICANT: Madeline M. Butler
/ APPLICANT: Robert McKay
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
/ FILE REFERENCE: ISPH-0478
/ CURRENT APPLICATION NUMBER: US/09/629,644A
/ CURRENT FILING DATE: 2000-07-31
/ PRIOR APPLICATION NUMBER: US 09/487,368
/ PRIOR FILING DATE: 2000-01-18
/ NUMBER OF SEQ ID NOS: 242
/ SEQ ID NO 120
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-120

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 196 TGCCCAACCCCATCTCCC 214
Db 1 TGCTCCACACACATCTCCC 19

RESULT 715
US-09-629-644A-121
/ Sequence 121, Application US/09629644A
/ Patent No. 6602857
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowseert
/ APPLICANT: Jacqueline Wyatt
/ APPLICANT: Susan M. Freiler
/ APPLICANT: Brett P. Monla
/ APPLICANT: Madeline M. Butler
/ APPLICANT: Robert McKay
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
/ FILE REFERENCE: ISPH-0478
/ CURRENT APPLICATION NUMBER: US/09/629,644A
/ CURRENT FILING DATE: 2000-07-31
/ PRIOR APPLICATION NUMBER: US 09/487,368
/ PRIOR FILING DATE: 2000-01-18
/ NUMBER OF SEQ ID NOS: 242
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/ SEQ ID NO 121
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-121

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 196 TGCCCAACCCCATCTCCC 214
Db 2 TGCTCCACACACATCTCCC 20

RESULT 716
US-09-629-644A-121
/ Sequence 121, Application US/09629644A
/ Patent No. 6492345
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowseert
/ APPLICANT: Jacqueline Wyatt
/ APPLICANT: Susan M. Freiler
/ APPLICANT: Brett P. Monla
/ APPLICANT: Madeline M. Butler
/ APPLICANT: Robert McKay
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
/ FILE REFERENCE: ISPH-0478
/ CURRENT APPLICATION NUMBER: US/09/629,644A
/ CURRENT FILING DATE: 2000-07-31
/ PRIOR APPLICATION NUMBER: US 09/487,368
/ PRIOR FILING DATE: 2000-01-18
/ NUMBER OF SEQ ID NOS: 242
/ SEQ ID NO 121
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-121

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 196 TGCCCAACCCCATCTCCC 214
Db 2 TGCTCCACACACATCTCCC 20

RESULT 717
US-09-898-361-147/C
/ Sequence 147, Application US/09898361
/ Patent No. 6503152
/ GENERAL INFORMATION:
/ APPLICANT: Susan Murray
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
/ FILE REFERENCE: RTS-0158
/ CURRENT APPLICATION NUMBER: US/09/898,361
/ CURRENT FILING DATE: 2001-06-21
/ NUMBER OF SEQ ID NOS: 163
/ SEQ ID NO 147
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-147
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Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4684 TTGAGCCAGTCCTGGACG 4702
          |||||
DB       20 TTGACCGAGTCTCGGACG 2

RESULT 718
US-09-238-710-31/c
; Sequence 31, Application US/09238710A
; Patent No. 6518018
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihé
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350004
; CURRENT APPLICATION NUMBER: US/09/238, 710A
; EARLIER FILING DATE: 1999-01-28
; EARLIER APPLICATION NUMBER: 60/035, 963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064, 491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007, 005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PASTESEQ for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA splint
US-09-238-710-31

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5397 AAATACAAAAGAAAAA 5415
          |||||
DB       19 AAATACCACAAAAAAAA 1

RESULT 719
US-09-422-978-4755/c
; Sequence 4755, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422, 978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298, 850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109, 732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082, 614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4755
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 4755

; OTHER INFORMATION: upstream amplification primer 99-17563 for SEQ 821,
US-09-422-978-4755

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1191 GAGAGGAAATCAGAGAA 1209
          |||||
DB       19 GAAAGAGAAATCAGTGAA 1

RESULT 720
US-09-422-978-7052/c
; Sequence 7052, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422, 978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298, 850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109, 732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082, 614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7052
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-23702 for SEQ 3118,
US-09-422-978-7052

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4874 AGTTCTTCTCTGCAAC 4892
          |||||
DB       19 ACTTCTTCTCTGTAAC 1

RESULT 721
US-09-230-652-96
; Sequence 96, Application US/09230652A
; Patent No. 6537755
; GENERAL INFORMATION:
; APPLICANT: Tourner-Lasseve, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousselet, Marie-Germaine
; APPLICANT: Bach, Jean-François
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/09/230, 652A
; EARLIER FILING DATE: 1999-05-17
; EARLIER APPLICATION NUMBER: FR 96 09733
; EARLIER FILING DATE: 1996-08-01
; EARLIER APPLICATION NUMBER: FR 97 04680
; EARLIER FILING DATE: 1997-04-16
; EARLIER APPLICATION NUMBER: PCT/FR97/01433
; EARLIER FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 96
```



LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-230-652-96

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4206 CATTCCGTCACCTCTGTG 4224  
Db 2 CATTCCACACCCCTCTGTG 20

## RESULT 722

US-09-265-503B-64  
Sequence 64, Application US/09265503B  
Patent No. 6536108  
GENERAL INFORMATION:  
APPLICANT: Libkay, Robert M.  
APPLICANT: Bronner, C. Eric  
APPLICANT: Baker, Sean M.  
APPLICANT: Bollag, Roni J.  
APPLICANT: Kolodner, Richard D.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS  
RELATING TO DNA MISMATCH REPAIR GENES  
NUMBER OF SEQUENCES: 148  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kolisch, Hartwell, Dickinson, McCormack & Heuser  
STREET: 520 S.W. Yamhill Street, Suite 200  
CITY: Portland  
STATE: Oregon  
COUNTRY: U.S.A.  
ZIP: 97204

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/265,503B  
FILING DATE: March 10, 1999  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Van Rysselberghe, Pierre C.  
REGISTRATION NUMBER: 33,557  
REFERENCE/DOCKET NUMBER: OHSU 306D  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (503) 224-6655  
TELEFAX: (503) 295-6679  
TELEX: 360619

INFORMATION FOR SEQ ID NO: 64:  
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

FEATURE:  
NAME/KEY: misc\_feature

LOCATION: 1  
OTHER INFORMATION: /note= "primers directed to genomic  
OTHER INFORMATION: intron DNA"  
US-09-265-503B-64

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 335 GGCTTTCTACCACTCC 353  
Db 2 GGCTTTCTCCCTCC 20

RESULT 723  
US-09-705-267A-30/C

Sequence 30, Application US/09705267A  
Patent No. 6551826  
GENERAL INFORMATION:  
APPLICANT: Hong Zhang  
APPLICANT: Susan M. Freier  
APPLICANT: Andrew T. Watt  
TITLE OF INVENTION: ANTISENSE MODULATION OF RAPID EXPRESSION  
FILE REFERENCE: RTS-0211  
CURRENT APPLICATION NUMBER: US/09/705,267A  
CURRENT FILING DATE: 2000-11-01  
NUMBER OF SEQ ID NOS: 177  
SEQ ID NO 30  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-705-267A-30

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4624 CAGTCCAGGAGGCTCTGG 4642  
Db 19 CAGTCCAGGAGGAGCTGG 1

## RESULT 724

US-08-657-636-64  
Sequence 64, Application US/08657636  
Patent No. 6552181  
GENERAL INFORMATION:

APPLICANT: Dean, Michael Carlton  
APPLICANT: Hahn, Heidi Ewe  
APPLICANT: Wicking, Carol  
APPLICANT: Christiansen, Jeffrey G.  
APPLICANT: Zaphiropoulos, Peter G.  
APPLICANT: Gallani, Mae R.  
APPLICANT: Shanley, Susan Mary  
APPLICANT: Chidambaram, Abirami  
APPLICANT: Vorechovsky, Igor  
APPLICANT: Holmberg-Lindstrom, Erika  
APPLICANT: Unden, Anne Birgitte  
APPLICANT: Gillies, Susan Alana  
APPLICANT: Negus, Kylie  
APPLICANT: Smyth, Ian McLeod  
APPLICANT: Pressman, Carol Leah  
APPLICANT: Lefell, David J.  
APPLICANT: Gerrard, Bernard  
APPLICANT: Goldstein, Alisa Miriam  
APPLICANT: Wainwright, Brandon  
APPLICANT: Toftegard, Rune Carl-Magnus  
APPLICANT: Chenevix-Trench, Georgia  
APPLICANT: Bale, Allen R.  
TITLE OF INVENTION: A Basal Cell Carcinoma Tumor Suppressor Gene  
NUMBER OF SEQUENCES: 83  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/857,636
; FILING DATE: 16-MAY-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/017,906
; FILING DATE: 17-MAY-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU P00011
; FILING DATE: 21-MAY-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU P00363
; FILING DATE: 07-JUN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/019,765
; FILING DATE: 14-JUN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Hunter, Tom
; REGISTRATION NUMBER: 38,498
; REFERENCE/DOCKET NUMBER: 015280-278200US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-857-636-64
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2322 CATCTCACTCTTCTGAAG 2340
DB 2 CTTGACCACTCTTGTATG 20
```

```

RESULT 725
US-09-198-452A-1907
; Sequence 1907, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1907
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1907
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 3306 CCGGACGAGACACACCTG 3324
DB 2 CCGGACGAGACACCTG 20
```

```

RESULT 726
US-09-198-452A-4382
; Sequence 4382, Application US/09198452A
; Patent No. 6559294
```

```

; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4382
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4382
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 3703 TCTCTGCTTCTGACGGG 3721
DB 1 TCTCTGCTTATCACTG 19
```

```

RESULT 727
US-09-198-452A-4475
; Sequence 4475, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4475
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4475
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 4843 CCGGCTTGGCTGACCT 4861
DB 1 CCGGCTTGGTACTCT 19
```

```

RESULT 728
US-09-198-452A-4578
; Sequence 4578, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4578
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4578
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
```

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 2773 CTCTTAGTGGCACTTCT 2791  
Db 2 CTGTAGTGGCACTTCT 20

RESULT 729  
US-09-198-452A-5536/C  
Sequence 5536, Application US/09198452A  
Patent No. 6559294  
GENERAL INFORMATION:  
APPLICANT: Grifflals, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
TITLE OF INVENTION: and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198, 452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 5536  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-5536

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5244 CAAGAGCAGCAGCAGG 5262  
Db 19 CAGAGCTAGCAGCAAGG 1

RESULT 730  
US-09-198-452A-6307  
Sequence 6307, Application US/09198452A  
Patent No. 6559294  
GENERAL INFORMATION:  
APPLICANT: Grifflals, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
TITLE OF INVENTION: and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198, 452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 6307  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-6307

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4543 TATCAGAGCAGCTGATAG 4561  
Db 2 TGTGAGAGCAGCTTAAAG 20

RESULT 731  
US-09-198-452A-6456  
Sequence 6456, Application US/09198452A  
Patent No. 6559294  
GENERAL INFORMATION:  
APPLICANT: Grifflals, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
TITLE OF INVENTION: and treatment of infection  
FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198, 452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 6456  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-6456

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2948 ACCCTGAGAGCTGACCT 2966  
Db 2 ACCCTGAGAGCTGACCT 20

RESULT 732  
US-09-198-452A-6599  
Sequence 6599, Application US/09198452A  
Patent No. 6559294  
GENERAL INFORMATION:  
APPLICANT: Grifflals, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
TITLE OF INVENTION: and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198, 452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 6599  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-6599

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4846 GGCCTTGGCTGACCTTCT 4864  
Db 1 GGCCTTGGAGCAGCCTTTT 19

RESULT 733  
US-09-808-358-7  
Sequence 7, Application US/09808358  
Patent No. 6562955  
GENERAL INFORMATION:  
APPLICANT: TOSOH Corporation  
TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus  
TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same  
FILE REFERENCE: 200-2496  
CURRENT APPLICATION NUMBER: US/09/808, 358  
CURRENT FILING DATE: 2001-03-15  
NUMBER OF SEQ ID NOS: 48  
SEQ ID NO 7  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: oligonucleotide capable of binding specifically to trn1 and  
US-09-808-358-7

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 150 GAACCCAGAGAGGAGA 168

Db 2 GGAACGAGAGAGAAA 20

RESULT 734  
US-09-601-144-43  
; Sequence 43, Application US/09601144  
; Patent No. 6565514

ORGANISM: Human  
US-09-601-144-43

Query Match	0.3%	Score 14.2	DB 1	Length 20
Best Local Similarity	84.2%	Pred. No. 5.8e+02		
Matches 16	Conservative 0	Mismatches 3	Indels 0	Gaps 0

```

RESULT 735
US-09-909-595-62
; Sequence 62, Application US/0990595
; Patent No. 6586245
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Brenda F. Baker
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Scott E. Davis
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION
; FILE REFERENCE: RTS-0223
; CURRENT APPLICATION NUMBER: US/09/909,595
; CURRENT FILING DATE: 2001-07-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-909-595-62

```

Query Match	0.3%	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%	Pred. No. 5.8e+02;		
Matches 16;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;

```

QY      1180 AGAGAAAGAGAGAGAGAGA 1198
          ||||| | ||||| |||||
Db      2   AGAGAGATGCAGAGAGAGAGA 20

```

RESULT 736  
US-09-249-247-113  
; Sequence 113, Application US/09249247  
; Patent No. 6593305  
; GENERAL INFORMATION:

```

1  APPLICANT: WRIGHT, Jim A.
2  APPLICANT: YOUNG, Alping H.
3  TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
4  TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
5  FIL# REFERENCE: 0132396-023
6  CURRENT APPLICATION NUMBER: US/09/249,247
7  CURRENT FILING DATE: 1999-02-11
8  EARLIER APPLICATION NUMBER: US 60/023,040
9  EARLIER FILING DATE: 1996-08-02
10 EARLIER APPLICATION NUMBER: US 60/039,959
11 EARLIER FILING DATE: 1997-03-07
12 EARLIER APPLICATION NUMBER: US 08/904,901
13 EARLIER FILING DATE: 1997-08-01
14 NUMBER OF SEQ ID NOS: 220
15 SOFTWARE: PatencIn Ver. 2.0
16 SEQ ID NO 113
17 LENGTH: 20
18 TYPE: DNA
19 ORGANISM: Human
20 US-09-249-247-113

```

Query Match	0.3%	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%;	Pred. No. 5.8e+02;		
Matches 16;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;

```

Qy      4802 TCAGCAGCTGAAGTATCAA 4820
          ||||| | ||||| |
Db      2 TCAGCAGCCAAAGTATCTA 20

```

```

RESULT 737
US-09-780-045-56/c
; Sequence 56, Application US/09780045
; Patent No. 6602713
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyalt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT BI
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0130
; CURRENT APPLICATION NUMBER: US/09/780,045
; CURRENT FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-780-045-56

```

Query Match	0.3%	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%;	Pred. No. 5.8e+02;		
Matches 16;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;

```

QY      5230 TACAGGAAGATCTACAGA 5248
          |||||
Db      19 TACAGGAAGTTCACATGA 1

```

```

RESULT 738
US-09-967-669--31
: Sequence 31, Application US/09967669
: Patent No. 6692960
: GENERAL INFORMATION:
: APPLICANT: C. Frank Bennett
: APPLICANT: Susan M. Freier
: TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE EXPRESSION
: FILE REFERENCE: RTS-0259
: CURRENT APPLICATION NUMBER: US/09/967,669
: CURRENT FILING DATE: 2001-09-28
: NUMBER OF SEQ ID NOS: 90
: SEQ ID NO 31

```

```

:   LENGTH: 20
:   TYPE: DNA
:   ORGANISM: Artificial Sequence
:   FEATURE:
:   OTHER INFORMATION: Antisense oligonucleotide
US-09-967-665-31

```

Query Match	0.34	Score 14.2	DB 1	Length 20
Best Local Similarity	84.2%	Pred. No. 5.8e+02		
Matches 16	Conservative 0	Mismatches 3	Indels 0	Gaps 0

```

QY      2655 GCAGCCACACTCTCTGGAG 2673
          | ||||| | |||||
Db      2   GGAGCCACAATTCTGGAG 20

```

RESULT 739  
US-09-661-858-71  
; Sequence 71, Application US/09661858  
; Patent No. 6699663  
CENTRAL INFORMATION.

APPLICANT: Jay A. Fishman  
TITLE OF INVENTION: MOLECULAR SEQUENCE OF SWINE RETROVIRUS

NUMBER OF SEQUENCES: 74  
CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD, LLL  
STREET: 60 State Street

STATE: Massachusetts  
COUNTRY: USA

LIFE: 02109-1675  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: P1000

```
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS
```

```

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/661,858

```

; FILING DATE: 14-Sep-2000  
 ; PRIOR APPLICATION DATA:  
 ; ADDITION NUMBER: 00/700 000

FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:

INVESTIGATION NUMBER: 35,965  
REGISTRATION NUMBER: 35,965  
REFERENCE/DOCKET NUMBER: MGP-038CP

TELECOMMUNICATION INFORMATION  
TELEPHONE: (617) 227-7400

INFORMATION FOR SEQ ID NO: 71:  
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

```

;
;      TOPOLOGY: 1linear
;
;      MOLECULE TYPE: CDNA
;

```

SEQUENCE DESCRIPTION: SEQ ID NO: 71:  
US-09-661-858-71

Query Match	0.3%	Score	14.2	DB	1	Length	20
Best Local Similarly	84.2%	Pred	No. 5.8e+02				
Matches	16	Conservative	0	Mismatches	3	Indels	0
						Gaps	0

Oy	3559	CAGAGACTCGGATCAGAGA	3577
Db	1	CAGACACTCAGAACAGAGA	19

RESULT 740  
US-09-657-013-4/c  
; Sequence 4, Application US/09657013  
; Patent No. 6709817

```

: GENERAL INFORMATION:
: APPLICANT: Zogbbi, Huda Y.
: APPLICANT: Van den Veyver, Ignacia B
: APPLICANT: Amir, Ruthie
: APPLICANT: Francke, Uta
: TITLE OF INVENTION: Methods of Identifying Mutations in a Methyl-CpG-Binding Domain
: TITLE OF INVENTION: Containing Gene or Protein in Neurodevelopmental Disease and Treating

```

```

; CURRENT APPLICATION NUMBER: US/09/657,013
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/152,778

```

```

; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn version 3.11

```

```

; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA

```

```

;
; ORGANISM: Artificial sequence
; FEATURE:

```

US-09-657-013-4

Query Match	0.3%	Score 14.2	DB 1	Length 20
Best Local Similarity	84.2%	Pred. No. 5.8e+02		
Matches 16	Conservative 0	Mismatches 3	Indels 0	Gaps 0

QY	3485	AACCAAGTGTGATGACCCC	3503
Db	19	ACCATGTATGATGACCCC	1

RESULT 741  
US-10-215-448-71  
; Sequence 71, Application US/10215448

; Patent No. 6716975  
; GENERAL INFORMATION:  
; INFORMATION:

FILE REFERENCE: RTS-0179

NUMBER OF SEQ ID NOS: 105  
; CURRENT FILING DATE: 2002-08-09  
; CURRENT APPLICATION NUMBER: US/10/215,448

```
; SEQ ID NO 71
; LENGTH: 20
```

ORGANISM: Artificial Sequence

OTHER INFORMATION: Antisense Oligonucleotide  
US-10-215-448-71

Query Match	0.3%	Score 14.2	DB 1	Length 20
Best Local Similarly	64.2%	Pred. No. 5.8e+02		
Matches 16	Conservative 0	Mismatches 3	Indels 0	Gaps 0

```

QY      5142 ACATGGACCACTTTGGCTC 5160
          ||||| || || |||||
Db      1 ACATGGAACCTTTGGCCTC 19

```

RESULT 742  
US-08-983-605-300/c  
! Sequence 300, Application US/08983605A

Patent No. 672013 /  
GENERAL INFORMATION:  
APPLICANT: Pöcher Martin

```

; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; TITLE OF INVENTION: Triticum Aestivum and Tribe Triticeae and the Use of

```

FILE REFERENCE: 2936.10400  
CURRENT APPLICATION NUMBER: US/08/983,605A

! CURRENT FILING DATE: 1998-05-01  
! CURRENT APPLICATION NUMBER: DE 195 25 284.5  
! EARLIER FILING DATE: 1985-06-28

NUMBER OF SEQ ID NOS: 466  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 300  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Trilicium aestivum  
US-08-983-605-300

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 880 TGGATCATGATGATGCGCG 898  
DB 19 TGGATCATGATGATGCG 1

## RESULT 743

US-09-988-462-57  
Sequence 57, Application US/09988462  
Patent No. 6720488

## GENERAL INFORMATION:

APPLICANT: Koziel, Michael G.  
Desai, Nalini M.  
Lewis, Kelly S.  
Kramer, Vance C.  
Warren, Gregory W.  
Evoila, Stephen V.  
Crossland, Lyle D.  
Wright, Martha S.  
Merlin, Ellis J.  
Lauris, Karen L.

TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED  
INSECTICIDAL ACTIVITY IN MAIZE

NUMBER OF SEQUENCES: 94  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Syngenta Biotechnology, Inc.  
STREET: 3054 Cornwallis Road  
CITY: Research Triangle Park  
STATE: NC  
COUNTRY: USA  
ZIP: 27709

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/988,462  
FILING DATE: 20-NOV-2001  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 09/547,422  
FILING DATE: 11-APR-2000  
APPLICATION NUMBER: US 08/459,504  
FILING DATE: 02-JUN-1995  
APPLICATION NUMBER: US 07/951,715  
FILING DATE: 25-SEP-1992  
APPLICATION NUMBER: US 07/772,027  
FILING DATE: 04-OCT-1991

ATTORNEY/AGENT INFORMATION:

NAME: Meigs, J. Timothy  
REGISTRATION NUMBER: 38,241  
REFERENCE/DOCKET NUMBER: S-188051  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (919)541-8587  
TELEFAX: (919)541-8689

INFORMATION FOR SEQ ID NO: 57:

SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "Primer MK25A28"  
HYPOTHETICAL: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 57:  
US-09-988-462-57

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3113 ACCAGACCTGACCGAGCT 3131  
DB 2 AGCTGACCTGACCGAGCT 20

## RESULT 744

US-09-635-251-32/C  
Sequence 32, Application US/09635251  
Patent No. 6759215

## GENERAL INFORMATION:

APPLICANT: Zsebo, Kristina M.  
Boselman, Robert A.  
Suggs, Sidney V.  
Martin, Francis H.

TITLE OF INVENTION: Stem Cell Factor

NUMBER OF SEQUENCES: 104  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago

STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60606-6402

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/635,251  
FILING DATE: 07-AUG-2000  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/449,182  
FILING DATE: 24-MAY-1995  
APPLICATION NUMBER: 08/172,329  
FILING DATE: 21-DEC-1993  
APPLICATION NUMBER: 07/982,255  
FILING DATE: 25-NOV-1992  
APPLICATION NUMBER: 07/684,535  
FILING DATE: 04-OCT-1991  
APPLICATION NUMBER: 07/589,701  
FILING DATE: 01-OCT-1990  
APPLICATION NUMBER: 07/573,616  
FILING DATE: 24-AUG-1990  
APPLICATION NUMBER: 07/537,198  
FILING DATE: 11-JUN-1990  
APPLICATION NUMBER: 07/422,383  
FILING DATE: 16-OCT-1989

ATTORNEY/AGENT INFORMATION:

NAME: Clough, David W.  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 01017/32957A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448

INFORMATION FOR SEQ ID NO: 32:

SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 32:  
US-09-635-251-32

Query Match . . . . . 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAGAAAAATGAA 5420  
DB 19 CAAAAAAAAAAAAAAAAA 1

RESULT 745  
US-09-635-251-33/c  
Sequence 33, Application US/09635251  
Patent No. 6759215  
GENERAL INFORMATION:  
APPLICANT: Zeebo, Kristina M.  
Bosselman, Robert A.  
Sugger, Sidney V.  
Martin, Francis H.  
TITLE OF INVENTION: Stem Cell Factor  
NUMBER OF SEQUENCES: 104  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/635,251  
FILING DATE: 07-AUG-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/449,182  
FILING DATE: 24-MAY-1995  
APPLICATION NUMBER: 08/172,329  
FILING DATE: 21-DEC-1993  
APPLICATION NUMBER: 07/982,255  
FILING DATE: 25-NOV-1992  
APPLICATION NUMBER: 07/684,535  
FILING DATE: 04-OCT-1991  
APPLICATION NUMBER: 07/589,701  
FILING DATE: 01-OCT-1990  
APPLICATION NUMBER: 07/573,616  
FILING DATE: 24-AUG-1990  
APPLICATION NUMBER: 07/537,198  
FILING DATE: 11-JUN-1990  
APPLICATION NUMBER: 07/422,363  
FILING DATE: 16-OCT-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W.  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 01017/32957A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 33:

US-09-635-251-33

Query Match . . . . . 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAATACAAAAAGA 5410  
DB 19 TAAAAAAAAAAAAAAAAA 1

RESULT 746  
US-09-917-963-79  
Sequence 79, Application US/09917963  
Patent No. 6767739  
GENERAL INFORMATION:  
APPLICANT: Rosanne M. Crooke  
APPLICANT: Mark J. Graham  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN  
FILE REFERENCE: ISPH-0591  
CURRENT APPLICATION NUMBER: US/09/917,963  
CURRENT FILING DATE: 2001-07-30  
NUMBER OF SEQ ID NOS: 137  
SEQ ID NO 79  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-917-963-79

Query Match . . . . . 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 929 TTTTGAGACAGCTGCTGA 947  
DB 2 TTCTGACACAGCTTCTGA 20

RESULT 747  
US-09-899-440-7/c  
Sequence 7, Application US/09899440  
Patent No. 6770753  
GENERAL INFORMATION:  
APPLICANT: Stein, Cy  
TITLE OF INVENTION: PHOSPHOROTHIOATE ANTISENSE HEPARANASE OLIGONUCLEOTIDES  
FILE REFERENCE: 0575/63180  
CURRENT APPLICATION NUMBER: US/09/899,440  
CURRENT FILING DATE: 2001-07-05  
NUMBER OF SEQ ID NOS: 18  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 7  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: ( )..( )  
OTHER INFORMATION: antisense oligonucleotide LB78  
US-09-899-440-7

Query Match . . . . . 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1424 CTGATTATGAGAGAA 1442  
DB 20 CTCCTGATGTGAGAGAA 2

RESULT 748

PCT-US94-03856-8  
; Sequence 8, Application PC/ITUS9403856  
; GENERAL INFORMATION:  
; APPLICANT: Alton Meister, Chin-Shiou Huang, and Mary  
; APPLICANT: E. Anderson  
; TITLE OF INVENTION: Glutamylycysteine Synthetase Light  
; TITLE OF INVENTION: Subunit  
; NUMBER OF SEQUENCES: 10  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Yahwak & Associates  
; STREET: 25 Skytop Drive  
; City: Trumbull  
; STATE: Connecticut  
; COUNTRY: USA  
; ZIP: 06611  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy Disk  
; COMPUTER: Macintosh  
; OPERATING SYSTEM: MS-DOS  
; SOFTWARE: Microsoft Word 4.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US94/03856  
; FILING DATE: 07-Apr-1994  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 045,808  
; FILING DATE: April 8th 1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Yahwak, George M.  
; REGISTRATION NUMBER: 26,824  
; REFERENCE/DOCKET NUMBER: CRF D 1403  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 203 268 1951  
; TELEFAX:  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULAR TYPE: DNA  
; PCT-US94-03856-8

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5230 TACGAGAAGCTTCACAGA 5248  
Db 2 TCCAGAGAAGCTTCACAGA 20

RESULT 749  
5219727-29/c  
; Patent No. 5219727  
; APPLICANT: WANG, ALICE M.; DOYLE, MICHAEL V.; MARK, DAVID F.  
; TITLE OF INVENTION: QUANTITATION OF NUCLEIC ACIDS USING THE  
; POLYMERASE CHAIN REACTION  
; NUMBER OF SEQUENCES: 64  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/413,623  
; FILING DATE: 28-SEP-1989  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 396,986  
; FILING DATE: 21-AUG-1989  
; SEQ ID NO:29:  
; LENGTH: 20  
5219727-29

Query Match 0.3%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.8e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4289 ACTGCTCATTCGAGAGA 4307  
Db 19 ACTGTCCATCCGAGAGA 1

RESULT 750  
US-08-687-456B-1/c  
; Sequence 1, Application US/08687456B  
; Patent No. 6066447  
; GENERAL INFORMATION:  
; APPLICANT: De Mearmaeker, Alain  
; APPLICANT: Waldner, Adrian  
; APPLICANT: Lebretton, Jacques  
; APPLICANT: Beviere, Marc-Olivier  
; APPLICANT: Lesueur, Catherine  
; TITLE OF INVENTION: Modified Oligonucleotides  
; FILE REFERENCE: 4-19835/A/PCT  
; CURRENT APPLICATION NUMBER: US/08/687,456B  
; EARLIER FILING DATE: 1996-11-12  
; EARLIER APPLICATION NUMBER: PCT/EP96/00156  
; EARLIER FILING DATE: 1995-01-17  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: (4)  
; OTHER INFORMATION: n is TB as shown on page 79 of the specification  
; OTHER INFORMATION: Description of Artificial Sequence:  
; US-08-687-456B-1

Query Match 0.3%; Score 14; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 4.8e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAA 1200  
Db 15 AGAGAGAGAGAGAA 1

RESULT 751  
US-09-349-035-4/c  
; Sequence 4, Application US/09349035  
; Patent No. 641135  
; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip Dan  
; APPLICANT: Wang, Tingmin  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: An, Haoyun  
; TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Monomers and Related Compounds  
; FILE REFERENCE: 1s18-3311  
; CURRENT APPLICATION NUMBER: US/09/349,035  
; CURRENT FILING DATE: 1999-07-07  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 4  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide  
; NAME/KEY: misc\_feature  
; LOCATION: (4)..(5)  
; OTHER INFORMATION: \*3'-methylenephosphonate linkage; M=2'-O-methyl nucleotide  
; NAME/KEY: misc\_feature  
; LOCATION: (4)..(4)  
; OTHER INFORMATION: n=5-methyluridine  
; US-09-349-035-4



Query Match 0.3%; Score 14; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 4.8e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200  
Db 15 AGAGAGAGAGAGAAA 1

RESULT 752  
US-08-459-434-6/c  
; Sequence 6, Application US/08459434  
; Patent No. 5969116  
; GENERAL INFORMATION:  
; APPLICANT: Martin, Pierre  
; TITLE OF INVENTION: Nucleosides and oligonucleotides having  
; TITLE OF INVENTION: 2'-ether groups  
; NUMBER OF SEQUENCES: 10  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: No. 5969116 Little Corporation  
; STREET: 59 Route 10  
; CITY: East Hanover  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07936-1080  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/459,434  
; FILING DATE: 02-JUN-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: CH 1467/93-4  
; FILING DATE: 12-MAY-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/241,213  
; FILING DATE: 10-MAY-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ferraro, Gregory D.  
; REGISTRATION NUMBER: 36,134  
; REFERENCE/DOCKET NUMBER: 4-19552/A/DIV  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (908) 277-3318  
; TELEFAX: (908) 277-4306  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "synthetic oligonucleotide  
; DESCRIPTION: comprising a modified sugar"  
; US-08-459-434-6  
Query Match 0.3%; Score 14; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.2e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1187 GAGAGAGAGAGAAA 1200  
Db 16 GAGAGAGAGAGAAA 3

RESULT 753  
US-08-250-740-23  
; Sequence 23, Application US/08250740  
; Patent No. 5686240  
; GENERAL INFORMATION:

APPLICANT: Schuchman, Edward H.  
APPLICANT: Desnick, Robert J.  
TITLE OF INVENTION: Acid Sphingomyelinase Gene and Diagnosis  
TITLE OF INVENTION: of Niemann-Pick Disease  
NUMBER OF SEQUENCES: 36  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/250,740  
FILING DATE: 27-MAY-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30742  
REFERENCE/DOCKET NUMBER: 6923-038  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-8864  
TELEX: 66141 PENNIB  
INFORMATION FOR SEQ ID NO: 23:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-250-740-23

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 620 ACTCCAGAGACTCT 633  
Db 4 ACTCCAGAGACTCT 17

RESULT 754  
US-07-695-472B-29  
; Sequence 29, Application US/07695472B  
; Patent No. 5773278  
; GENERAL INFORMATION:  
; APPLICANT: Schuchman, Edward H.  
; APPLICANT: Desnick, Robert J.  
; TITLE OF INVENTION: The Acid Sphingomyelinase Gene and  
; TITLE OF INVENTION: Diagnosis of Niemann-Pick Disease  
; NUMBER OF SEQUENCES: 36  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/695,472B  
; FILING DATE: 19910503  
; CLASSIFICATION: 435

```

/ ATTORNEY/AGENT INFORMATION:
/ NAME: Mastrock, S. Leslie
/ REGISTRATION NUMBER: 18,872
/ REFERENCE/DOCKET NUMBER: 6923-014
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 790-9090
/ TELEFAX: (212) 790864/9741
/ TELEX: 66141 PENNIE
/ INFORMATION FOR SEQ ID NO: 29:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: NUCLEIC ACID
/ STRANDEDNESS: single
/ TOPOLOGY: unknown
/ MOLECULE TYPE: DNA
/ US-07-695-472B-29

Query Match          0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      620 ACTCCAGAGCTCT 633
DB      4 ACTCCAGAGCTCT 17

RESULT 755
US-08-460-890A-7
/ Sequence 7, Application US/08460890A
/ Patent No. 5994109
/ GENERAL INFORMATION:
/ APPLICANT: Woo, Savio L.C.
/ APPLICANT: Smith, Louis C.
/ APPLICANT: Cristiano, Richard J.
/ APPLICANT: Gottchalk, Stephen
/ TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
/ TITLE OF INVENTION: METHODS OF USE
/ NUMBER OF SEQUENCES: 65
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 MB
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq for Windows 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/460,890A
/ FILING DATE: June 5, 1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/167,641
/ FILING DATE: December 14, 1993
/ APPLICATION NUMBER: 07/855,389
/ FILING DATE: March 20, 1992
/ APPLICATION NUMBER: PCT/US93/02725
/ FILING DATE: March 19, 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 212/066
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
```

```

/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ US-08-460-890A-7

Query Match          0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1184 AAAGAGAGAGAG 1197
DB      1 AAAGAGAGAGAG 14

RESULT 756
US-08-460-890A-8/C
/ Sequence 8, Application US/08460890A
/ Patent No. 5994109
/ GENERAL INFORMATION:
/ APPLICANT: Woo, Savio L.C.
/ APPLICANT: Smith, Louis C.
/ APPLICANT: Cristiano, Richard J.
/ APPLICANT: Gottchalk, Stephen
/ TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
/ TITLE OF INVENTION: METHODS OF USE
/ NUMBER OF SEQUENCES: 65
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 MB
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq for Windows 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/460,890A
/ FILING DATE: June 5, 1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/167,641
/ FILING DATE: December 14, 1993
/ APPLICATION NUMBER: 07/855,389
/ FILING DATE: March 20, 1992
/ APPLICATION NUMBER: PCT/US93/02725
/ FILING DATE: March 19, 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 212/066
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Other nucleic acid
/ FEATURE:
/ OTHER INFORMATION: "C" stands for 5-methylcytosine
/ US-08-460-890A-8

Query Match          0.3%; Score 14; DB 1; Length 17;
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Best Local Similarity 100.0%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1187 GAGAGAGAGAGAA 1200  
Db 14 GAGAGAGAGAGAA 1

## RESULT 757

US-08-460-890A-9  
Sequence 9, Application US/08460890A  
Patent No. 5994109  
GENERAL INFORMATION:  
APPLICANT: Moo, Savio L.C.  
APPLICANT: Smith, Louis C.  
APPLICANT: Cristiano, Richard J.  
APPLICANT: Gottchalk, Stephen  
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND  
TITLE OF INVENTION: METHODS OF USE  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/460,890A  
FILING DATE: June 5, 1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/167,641  
FILING DATE: December 14, 1993  
APPLICATION NUMBER: 07/855,389  
FILING DATE: March 20, 1992  
APPLICATION NUMBER: PCT/US93/02725  
FILING DATE: March 19, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 212/066  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-460-890A-9

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAG 1197  
Db 1 AAAGAGAGAGAG 14

## RESULT 758

US-08-167-641C-7

Sequence 7, Application US/08167641C  
Patent No. 6033884

GENERAL INFORMATION:  
APPLICANT: Moo, Savio L.C.  
APPLICANT: Smith, Louis C.  
APPLICANT: Cristiano, Richard J.  
APPLICANT: Gottchalk, Stephen  
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND  
TITLE OF INVENTION: METHODS OF USE  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/167,641C  
FILING DATE: December 14, 1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/855,389  
FILING DATE: March 20, 1992  
APPLICATION NUMBER: PCT/US93/02725  
FILING DATE: March 19, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 205/012  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-167-641C-7

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAG 1197  
Db 1 AAAGAGAGAGAG 14

## RESULT 759

US-08-167-641C-8/c  
Sequence 8, Application US/08167641C  
Patent No. 6033884  
GENERAL INFORMATION:  
APPLICANT: Moo, Savio L.C.  
APPLICANT: Smith, Louis C.  
APPLICANT: Cristiano, Richard J.  
APPLICANT: Gottchalk, Stephen  
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND  
TITLE OF INVENTION: METHODS OF USE  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon

```

: STREET: 633 West Fifth Street
: STREET: Suite 4700
: CITY: Los Angeles
: STATE: California
: COUNTRY: U.S.A.
: ZIP: 90071-2066
:
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
:
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: FastSeq for Windows 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/167,641C
: FILING DATE: December 14, 1993
: CLASSIFICATION: 435
: PRIORITY APPLICATION DATA:
: APPLICATION NUMBER: 07/855,389
: FILING DATE: March 20, 1992
: APPLICATION NUMBER: PCT/US93/02725
: FILING DATE: March 19, 1993
: ATTORNEY/AGENT INFORMATION:
: NAME: Warburg, Richard J.
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 205/012
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELEX: 67-3510
: INFORMATION FOR SEQ ID NO: 8:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 17 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: Other nucleic acid
:
: OTHER INFORMATION: "C" stands for 5-methylcytosine
:
: US-08-167-641C-8
:
: Query Match 0.3%; Score 14; DB 1; Length 17;
: Best Local Similarity 100.0%; Pred. No. 5.5e+02;
: Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
:
: QY 1187 GAGAGAGAGAGAA 1200
: Db 14 GAGAGAGAGAGAGAA 1
:
: RESULT 760
: US-08-167-641C-9
: Sequence 9, Application US/08167641C
: Patent No. 6033884
:
: GENERAL INFORMATION:
: APPLICANT: Woo, Savio L.C.
: APPLICANT: Smith, Louis C.
: APPLICANT: Cristiano, Richard J.
: APPLICANT: Gottchalk, Stephen
: TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
: TITLE OF INVENTION: METHODS OF USE
: NUMBER OF SEQUENCES: 65
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Lyon & Lyon
: STREET: 633 West Fifth Street
: STREET: Suite 4700
: CITY: Los Angeles
: STATE: California
: COUNTRY: U.S.A.
: ZIP: 90071-2066
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
:
: US-08-167-641C-9
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: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: FastSeq for Windows 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/167,641C
: FILING DATE: December 14, 1993
: CLASSIFICATION: 435
: PRIORITY APPLICATION DATA:
: APPLICATION NUMBER: 07/855,389
: FILING DATE: March 20, 1992
: APPLICATION NUMBER: PCT/US93/02725
: FILING DATE: March 19, 1993
: ATTORNEY/AGENT INFORMATION:
: NAME: Warburg, Richard J.
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 205/012
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELEX: 67-3510
: INFORMATION FOR SEQ ID NO: 9:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 17 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
:
: US-08-167-641C-9
```

```

: Query Match 0.3%; Score 14; DB 1; Length 17;
: Best Local Similarity 100.0%; Pred. No. 5.5e+02;
: Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

: QY 1184 AAAGAGAGAGAG 1197
: Db 1 AAAGAGAGAGAG 14
```

```

: RESULT 761
: US-08-460-971A-7
: Sequence 7, Application US/08460971A
: Patent No. 6150168
:
: GENERAL INFORMATION:
: APPLICANT: Woo, Savio L.C.
: APPLICANT: Smith, Louis C.
: APPLICANT: Cristiano, Richard J.
: APPLICANT: Gottchalk, Stephen
: TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
: TITLE OF INVENTION: METHODS OF USE
: NUMBER OF SEQUENCES: 65
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Lyon & Lyon
: STREET: 633 West Fifth Street
: STREET: Suite 4700
: CITY: Los Angeles
: STATE: California
: COUNTRY: U.S.A.
: ZIP: 90071-2066
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: FastSeq for Windows 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/460,971A
: FILING DATE: June 5, 1995
: CLASSIFICATION: 435
: PRIORITY APPLICATION DATA:
: APPLICATION NUMBER: 08/167,641
: FILING DATE: December 14, 1993
: APPLICATION NUMBER: 07/855,389
: FILING DATE: March 20, 1992
: APPLICATION NUMBER: PCT/US93/02725
```

```

: FILING DATE: March 19, 1993
: ATTORNEY/AGENT INFORMATION:
: NAME: Wardburg, Richard J.
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 212/063
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELEX: 67-3510
: INFORMATION FOR SEQ ID NO: 7:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 17 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
: US-08-460-971A-7

Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1184 AAAGAGAGAGAGAG 1197
Db      1 AAAGAGAGAGAGAG 14

RESULT 762
US-08-460-971A-8/c
: Sequence 8, Application US/08460971A
: Patent No. 6150168
: GENERAL INFORMATION:
: APPLICANT: Moo, Savio L.C.
: APPLICANT: Smith, Louis C.
: APPLICANT: Cristiano, Richard J.
: APPLICANT: Gotchalk, Stephen
: TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
: TITLE OF INVENTION: METHODS OF USE
: NUMBER OF SEQUENCES: 65
: CORRESPONDENCE ADDRESS:
: ADDRESSER: Lyon & Lyon
: STREET: 633 West Fifth Street
: CITY: Los Angeles
: STATE: California
: COUNTRY: U.S.A.
: ZIP: 90071-2066
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: FastSeq for Windows 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/460,971A
: FILING DATE: June 5, 1995
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/167,641
: FILING DATE: December 14, 1993
: APPLICATION NUMBER: 07/855,389
: FILING DATE: March 20, 1992
: APPLICATION NUMBER: PCT/US93/02725
: FILING DATE: March 19, 1993
: ATTORNEY/AGENT INFORMATION:
: NAME: Wardburg, Richard J.
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 212/063
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELEX: 67-3510
: INFORMATION FOR SEQ ID NO: 8:

```

```

: SEQUENCE CHARACTERISTICS:
: LENGTH: 17 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: Other nucleic acid
: FEATURE:
: OTHER INFORMATION: "C" stands for 5-methylcytosine
: US-08-460-971A-8

Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1187 GAGAGAGAGAGAA 1200
Db      14 GAGAGAGAGAGAA 1

RESULT 763
US-08-460-971A-9
: Sequence 9, Application US/08460971A
: Patent No. 6150168
: GENERAL INFORMATION:
: APPLICANT: Moo, Savio L.C.
: APPLICANT: Smith, Louis C.
: APPLICANT: Cristiano, Richard J.
: APPLICANT: Gotchalk, Stephen
: TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
: TITLE OF INVENTION: METHODS OF USE
: NUMBER OF SEQUENCES: 65
: CORRESPONDENCE ADDRESS:
: ADDRESSER: Lyon & Lyon
: STREET: 633 West Fifth Street
: CITY: Los Angeles
: STATE: California
: COUNTRY: U.S.A.
: ZIP: 90071-2066
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: FastSeq for Windows 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/460,971A
: FILING DATE: June 5, 1995
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/167,641
: FILING DATE: December 14, 1993
: APPLICATION NUMBER: 07/855,389
: FILING DATE: March 20, 1992
: APPLICATION NUMBER: PCT/US93/02725
: FILING DATE: March 19, 1993
: ATTORNEY/AGENT INFORMATION:
: NAME: Wardburg, Richard J.
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 212/063
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELEX: 67-3510
: INFORMATION FOR SEQ ID NO: 9:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 17 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
: US-08-460-971A-9

```

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1184 AAAGAGAGAGAG 1197  
DB 1 AAAGAGAGAGAG 14

## RESULT 764

US-08-462-040-7  
; Sequence 7, Application US/08462040  
; Patent No. 6177554  
; GENERAL INFORMATION:  
; APPLICANT: Moo, Savio L.C.  
; APPLICANT: Smith, Louis C.  
; APPLICANT: Cristiano, Richard J.  
; APPLICANT: Gottchalk, Stephen  
; TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND  
; TITLE OF INVENTION: METHODS OF USE  
; NUMBER OF SEQUENCES: 65  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
; MEDIUM TYPE: Storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FASTSEQ for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/462,040  
; FILING DATE: June 5, 1995  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/167,641  
; FILING DATE: December 14, 1993  
; APPLICATION NUMBER: 07/855,389  
; FILING DATE: March 20, 1992  
; APPLICATION NUMBER: PCT/US93/02725  
; FILING DATE: March 19, 1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 212/078  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; US-08-462-040-7

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1184 AAAGAGAGAGAG 1197  
DB 1 AAAGAGAGAGAG 14

## RESULT 765

US-08-462-040-8/C  
; Sequence 8, Application US/08462040  
; Patent No. 6177554  
; GENERAL INFORMATION:  
; APPLICANT: Moo, Savio L.C.  
; APPLICANT: Smith, Louis C.  
; APPLICANT: Cristiano, Richard J.  
; APPLICANT: Gottchalk, Stephen  
; TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND  
; TITLE OF INVENTION: METHODS OF USE  
; NUMBER OF SEQUENCES: 65  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
; MEDIUM TYPE: Storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FASTSEQ for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/462,040  
; FILING DATE: June 5, 1995  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/167,641  
; FILING DATE: December 14, 1993  
; APPLICATION NUMBER: 07/855,389  
; FILING DATE: March 20, 1992  
; APPLICATION NUMBER: PCT/US93/02725  
; FILING DATE: March 19, 1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 212/078  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Other nucleic acid  
; FEATURE:  
; OTHER INFORMATION: "C" strands for 5-methylcytosine  
; US-08-462-040-8

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1187 GAGAGAGAGAGAA 1200  
DB 14 GAGAGAGAGAGAA 1

RESULT 766  
US-08-462-040-9  
; Sequence 9, Application US/08462040  
; Patent No. 6177554  
; GENERAL INFORMATION:  
; APPLICANT: Moo, Savio L.C.  
; APPLICANT: Smith, Louis C.  
; APPLICANT: Cristiano, Richard J.  
; APPLICANT: Gottchalk, Stephen

## RESULT 765

TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND  
TITLE OF INVENTION: METHODS OF USE  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FASTSEQ for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/462,040  
FILING DATE: June 5, 1995  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/167,641  
FILING DATE: December 14, 1993  
APPLICATION NUMBER: 07/855,389  
FILING DATE: March 20, 1992  
APPLICATION NUMBER: PCT/US93/02725  
FILING DATE: March 19, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 212/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-462-040-9  
Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1184 AAAGAGAGAGAG 1197  
DB 1 AAAGAGAGAGAG 14  
RESULT 767  
US-09-106-375-29  
Sequence 29; Application US/09106375  
Patent No. 6541218  
GENERAL INFORMATION:  
APPLICANT: Schuchman, Edward H.  
APPLICANT: Desnick, Robert J.  
TITLE OF INVENTION: The Acid Sphingomyelinase Gene and  
TITLE OF INVENTION: Diagnosis of Niemann-Pick Disease  
NUMBER OF SEQUENCES: 36  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/106,375  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/695,472  
FILING DATE: 03-MAY-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Mastrock, S. Leslie  
REGISTRATION NUMBER: 18,872  
REFERENCE/DOCKET NUMBER: 6923-014  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 790864/9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA  
US-09-106-375-29  
Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 620 ACTCCAGAGCTCT 633  
DB 4 ACTCCAGAGCTCT 17  
RESULT 768  
US-09-866-108A-6764  
Sequence 6764; Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 6764  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-6764

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGAGACCT 3047  
Db 4 CTCCTGAGACCT 17

RESULT 769  
US-09-866-108A-6768  
Sequence 6768, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 6768  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-6768

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3035 TCCTGAGACCTG 3048  
Db 1 TCCTGAGACCTG 14

RESULT 770  
US-08-101-435-6/c  
Sequence 6, Application US/08101435  
Patent No. 5441883  
GENERAL INFORMATION:  
APPLICANT: Civeili, Olivier  
APPLICANT: Zhou, Qun-yong  
TITLE OF INVENTION: A No. 5441883el Adenosine Receptor and Uses  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Allegretti & Witcoff, Ltd.  
STREET: 10 South Wacker Drive, Suite 3000  
CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60606

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/101,435  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/847,563  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: McDonnell, John J  
REGISTRATION NUMBER: 26,949  
REFERENCE/DOCKET NUMBER: 91,708  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-715-1000  
TELEFAX: 312-715-1234  
FAX: 910-221-5317  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-101-435-6

Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 5.7e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2816 AGAGCTTCAGCTG 2829  
Db 17 AGAGCTTCAGCTG 4

RESULT 771  
US-08-373-124A-2239  
Sequence 2239, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California



COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2239:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-2239

Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 78.6%; Pred. No. 5.7e+02;  
Matches 11; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 117 CCTGCGACTCAG 130  
DB 1 CCUUGCAGCUCAG 14

RESULT 772  
US-08-435-628-2239  
Sequence 2239, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2239:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-2239

Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 78.6%; Pred. No. 5.7e+02;  
Matches 11; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 117 CCTGCGACTCAG 130  
DB 1 CCUUGCAGCUCAG 14

RESULT 773  
US-08-882-046-97  
Sequence 97, Application US/08882046  
Patent No. 6136952  
GENERAL INFORMATION:  
APPLICANT: Li, Linheng  
APPLICANT: Hood, Leroy  
APPLICANT: Krantz, Ian D.  
APPLICANT: Spinner, Nancy B.  
TITLE OF INVENTION: Human Jagged Polypeptide, Encoding  
TITLE OF INVENTION: Nucleic Acids and Methods of Use  
NUMBER OF SEQUENCES: 110  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell & Flores LLP  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Releasee #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/882,046  
FILING DATE: 25-JUN-1997  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-UW 2637  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001

TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 97:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-882-046-97

Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 5.7e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4467 TACTGTGATCCCTC 4480  
Db 5 TACTGTGATCCCTC 18

RESULT 774  
US-09-213-719-44  
; Sequence 44, Application US/09213719B  
; Patent No. 6150162  
; GENERAL INFORMATION:  
; APPLICANT: Lek W. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD44 EXPRESSION  
; FILE REFERENCE: RTS-0006  
; CURRENT APPLICATION NUMBER: US/09/213,719B  
; CURRENT FILING DATE: 1998-12-17  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 44  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-213-719-44

Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 5.7e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2325 CTCACCTTCTTGA 2338  
Db 4 CTCACCTTCTTGA 17

RESULT 775  
US-09-187-289-4  
; Sequence 4, Application US/09187289  
; Patent No. 6482593  
; GENERAL INFORMATION:  
; APPLICANT: Walt, David R.  
; APPLICANT: Healey, Brian G.  
; TITLE OF INVENTION: Fiber Optic Biosensor for Selectively Detecting  
; FILE REFERENCE: A67210-1/RMS/DCF  
; CURRENT APPLICATION NUMBER: US/09/187,289  
; CURRENT FILING DATE: 1998-11-05  
; PRIOR APPLICATION NUMBER: 08/851,203  
; PRIOR FILING DATE: 1997-05-05  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-09-187-289-4

Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.7e+02;

Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;  
Qy 3319 AACCTGATGACGTTG 3334  
Db 3 AACGTGATGACGTTG 18

RESULT 776  
US-09-566-047-97  
; Sequence 97, Application US/09566047  
; Patent No. 6703198  
; GENERAL INFORMATION:  
; APPLICANT: Li, Linheng  
; Hood, Leroy  
; Krantz, Ian D.  
; Spinner, Nancy B.  
; TITLE OF INVENTION: Methods of Diagnosing Alagille Syndrome  
; NUMBER OF SEQUENCES: 110  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: USA  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/566,047  
; FILING DATE: 05-May-2000  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/882,046  
; FILING DATE: 25-JUN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-UW 4164  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (858) 535-9001  
; TELEFAX: (858) 535-8949  
; INFORMATION FOR SEQ ID NO: 97:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 97:  
US-09-566-047-97

Query Match 0.3%; Score 14; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 5.7e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4467 TACTGTGATCCCTC 4480  
Db 5 TACTGTGATCCCTC 18

RESULT 777  
US-08-938-669A-22  
; Sequence 22, Application US/08938669A  
; Patent No. 6171788  
; GENERAL INFORMATION:  
; APPLICANT: Nguyen, Thai D.  
; APPLICANT: Polansky, Jon R.  
; TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS,  
; PROGNOSIS AND TREATMENT OF GLAUCOMA AND  
; TITLE OF INVENTION: RELATED DISEASES  
; NUMBER OF SEQUENCES: 32

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Howrey & Simon  
STREET: 1299 Pennsylvania Avenue, N.W.  
City: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20004-2402

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/938,669A  
FILING DATE:

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/791,154  
FILING DATE: 28-JAN-1997

ATTORNEY/AGENT INFORMATION:  
NAME: Mendelson, Elliot

REGISTRATION NUMBER: P-42,878  
REFERENCE/DOCKET NUMBER: 07425-0034

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202 383-6857

TELEFAX: 202 383-6610  
TELEX:

INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear

US-08-938-669A-22

## Query Match

Best Local Similarity 0.3%; Score 14; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 6e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 109 CTTCTCAGCCTTGC 122  
|||||

DB 2 CTTCTCAGCCTTGC 15

## RESULT 778

US-09-031-962D-10  
Sequence 10, Application US/09031962D  
Patent No. 6350867

GENERAL INFORMATION:  
APPLICANT: Thomas C. Hart

APPLICANT: Jennifer A. Price  
TITLE OF INVENTION: Methods and Compositions for Enhancing

TITLE OF INVENTION: Oseous Growth, Repair, and Regeneration  
FILE REFERENCE: WFU98-18

CURRENT APPLICATION NUMBER: US/09/031,962D  
CURRENT FILING DATE: 1998-02-27

NUMBER OF SEQ ID NOS: 25  
SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 10

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

US-09-031-962D-10

QY 5029 CCATCTGAGCTGC 5042  
|||||

DB 2 CCATCTGAGCTGC 15

## RESULT 779

US-09-306-828-22-2  
Sequence 22, Application US/09306828  
Patent No. 6475724

GENERAL INFORMATION:  
APPLICANT: Nguyen, Thai D.

APPLICANT: Polansky, Jon R.  
APPLICANT: Chen, Pu

APPLICANT: Chen, Hua  
TITLE OF INVENTION: Nucleic Acids, Kits, And Methods For The Diagnosis, Prognosis And

CURRENT APPLICATION NUMBER: US/09/306,828  
CURRENT FILING DATE: 1999-05-07

EARLIER APPLICATION NUMBER: US 09/227,881  
EARLIER FILING DATE: 1999-01-11

NUMBER OF SEQ ID NOS: 38  
SOFTWARE: Microsoft Word 97

SEQ ID NO 22

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

US-09-306-828-22

QY 109 CTTCTCAGCCTTGC 122  
|||||

DB 2 CTTCTCAGCCTTGC 15

## RESULT 780

US-09-696-791-3781/C  
Sequence 3781, Application US/09696791  
Patent No. 6770633

GENERAL INFORMATION:  
APPLICANT: Robbins, Joan M.

APPLICANT: Tiltz, Richard  
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

TITLE OF INVENTION: SKIN AND EYE DISEASES  
FILE REFERENCE: 480124.407

CURRENT APPLICATION NUMBER: US/09/696,791  
CURRENT FILING DATE: 2000-10-25

NUMBER OF SEQ ID NOS: 4523  
SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 3781

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:  
OTHER INFORMATION: Cdc25 hs ribozyme binding site

US-09-696-791-3781

QY 1480 CCAAGCCTGATAC 1493  
|||||

DB 19 CCAAGCCTGATAC 6

## RESULT 781

US-08-343-281A-9  
Sequence 9, Application US/08343281A  
Patent No. 5798265

GENERAL INFORMATION:  
APPLICANT: Springer, Wolfgang; Baumgarten, Jorg;

APPLICANT: Kretschmer, Axel; Kolbl, Heinz;  
APPLICANT: Lobberding, Antonius; Strube, Walter;

APPLICANT: Thein, Peter  
TITLE OF INVENTION: PSEUDORABIES VIRUS (PRV)

TITLE OF INVENTION: POLYNUCLEOTIDES AND THEIR

TITLE OF INVENTION: USE FOR PREPARING VIRUS-  
TITLE OF INVENTION: RESISTANT EUKARYOTIC CELLS  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SPRUNG HORN KRAMER & WOODS  
STREET: 660 White Plains Road  
CITY: Tarrytown  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10591-5144  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 720 KB  
COMPUTER: Sharp PC-4600  
OPERATING SYSTEM: DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/343,281A  
FILING DATE: 22-NOV-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/029,202  
FILING DATE: 10-MAR-1993  
PRIOR APPLICATION DATA: DE 4208107  
FILING DATE: 13-MAR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Kurt G. Briscoe  
REGISTRATION NUMBER: 33,141  
REFERENCE/DOCKET NUMBER: Bayer 8700.1-KGB  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (914) 332-1700  
TELEFAX: (914) 332-1844  
TELEX:  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single stranded  
TOPOLOGY: linear  
MOLECULE TYPE: synthetic or biological DNA or RNA  
US-08-343-281A-9  
Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
CY 1052 CCACATCCACAGCA 1065  
|||||  
DB 3 CCACATCCACAGCA 16  
RESULT 782  
US-08-313-185-13  
Sequence 13, Application US/08313185  
GENERAL INFORMATION:  
APPLICANT: Heym, Beate  
APPLICANT: Cole, Stewart  
APPLICANT: Young, Douglas  
APPLICANT: Zhang, Ying  
APPLICANT: Honore, Nadine  
APPLICANT: Telenti, Amalio  
APPLICANT: Bodmer, Thomas  
TITLE OF INVENTION: Rapid Detection of Antibiotic Resistance  
TITLE OF INVENTION: in Mycobacterium Tuberculosis  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
ADDRESSEE: Dunner  
STREET: 1300 I Street, N.W.  
CITY: Washington  
STATE: D.C.

COUNTRY: USA  
ZIP: 20005-3315  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/313,185  
FILING DATE: 12-OCT-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Meyers, Kenneth J.  
REGISTRATION NUMBER: 25,146  
REFERENCE/DOCKET NUMBER: 02356.0068-00000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 408-4000  
TELEFAX: (202) 408-4400  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-313-185-13  
Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
CY 747 GCAGATGGGCGCTGA 760  
|||||  
DB 1 GCAGATGGGCGCTGA 14  
RESULT 783  
US-08-238-821B-58/c  
Sequence 58, Application US/08238821B  
Patent No. 5912120  
GENERAL INFORMATION:  
APPLICANT: GOLDSTEIN, Joyce A.  
APPLICANT: ROKES-SPARKS, Marjorie  
APPLICANT: DE MORAIS, Sonia M.F.  
TITLE OF INVENTION: CLONING, EXPRESSION AND DIAGNOSIS OF HUMAN  
TITLE OF INVENTION: CYTOCHROME P450 2C19: THE PRINCIPAL DETERMINANT OF S-  
NUMBER OF SEQUENCES: 61  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: US  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/238,821B  
FILING DATE: 06-MAY-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/201,118  
FILING DATE: 22-FEB-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/864,962  
FILING DATE: 09-APR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Liebeschuetz, Joe

REGISTRATION NUMBER: 37,505  
REFERENCE/DOCKET NUMBER: 15280-192110US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 326-2400  
TELEFAX: (650) 326-2422  
INFORMATION FOR SEQ ID NO: 58:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
US-08-238-821B-58

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4724 ACCAGCCCTGAAG 4737  
DB 15 ACCAGCCCTGAAG 2

RESULT 784  
US-09-082-614A-13  
Sequence 13, Application US/09082614A  
Patent No. 6124098  
GENERAL INFORMATION:  
APPLICANT: Heyn, Beate  
APPLICANT: Cole, Stewart  
APPLICANT: Zhang, Douglas  
APPLICANT: Zhang, Ying  
APPLICANT: Honore, Nadine  
APPLICANT: Telenti, Amalio  
APPLICANT: Bodmer, Thomas  
TITLE OF INVENTION: Rapid Detection of Antibiotic Resistance  
TITLE OF INVENTION: In Mycobacterium Tuberculosis  
NUMBER OF SEQUENCES: 66  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Flinnegan, Henderson, Farabow, Garrett &  
ADDRESSER: Dunner  
STREET: 1300 I Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005-3315  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/082,614A  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/313,185  
FILING DATE: 12-OCT-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Meyers, Kenneth J.  
REGISTRATION NUMBER: 25,146  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 408-4000  
TELEFAX: (202) 408-4400  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-09-082-614A-13

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 GCAGATGGGCTGA 760  
DB 1 GCAGATGGGCTGA 14

RESULT 785  
US-09-418-641-82/C  
Sequence 82, Application US/09418641A  
Patent No. 6124133  
GENERAL INFORMATION:  
APPLICANT: Jennifer K. Taylor  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION  
FILE REFERENCE: RTS-0105  
CURRENT APPLICATION NUMBER: US/09/418,641A  
CURRENT FILING DATE: 1999-10-15  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 82  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-418-641-82

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4737 GGAGACCCATCTC 4750  
DB 19 GGAGACCCATCTC 6

RESULT 786  
US-09-021-701-556/C  
Sequence 556, Application US/09021701  
Patent No. 6251588  
GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
APPLICANT: Wolber, Paul K.  
APPLICANT: Delenstarr, Glenda C.  
APPLICANT: Webb, Peter G.  
APPLICANT: Kincaid, Robert H.  
TITLE OF INVENTION: Methods for evaluating oligonucleotide  
NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/021,701  
FILING DATE: 10-FEB-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 556:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-021-701-556

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5403 AAAAAGAAAAAT 5416  
DB 15 AAAAAGAAAAAT 2

## RESULT 787

US-09-021-701-557/c  
Sequence 557, Application US/09021701  
Patent No. 6251588  
GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
APPLICANT: Wolber, Paul K.  
APPLICANT: Dejenstarr, Glenda C.  
APPLICANT: Webb, Peter G.  
APPLICANT: Kincaid, Robert H.  
TITLE OF INVENTION: Methods for evaluating oligonucleotide  
TITLE OF INVENTION: Probe sequences  
NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/021,701  
FILING DATE: 10-FEB-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 557:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-021-701-557

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5403 AAAAAGAAAAAT 5416  
DB 14 AAAAAGAAAAAT 1

RESULT 788  
US-09-428-583-57  
Sequence 57, Application US/09428583  
Patent No. 6271029  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSIN-2 EXPRESSION  
FILE REFERENCE: RTS-0096  
CURRENT APPLICATION NUMBER: US/09/428,583  
CURRENT FILING DATE: 1999-10-27  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 57  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-428-583-57

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4141 CTGGAACCCCG 4154  
DB 1 CTGGAACCCCG 14

RESULT 789  
US-09-658-688A-88/c  
Sequence 88, Application US/09658688A  
Patent No. 6498035  
GENERAL INFORMATION:  
APPLICANT: Donna T. Ward  
APPLICANT: William Gaarde  
APPLICANT: Brett P. Monia  
APPLICANT: Jacqueline Wyalt  
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK3 EXPRESSION  
FILE REFERENCE: RTS-0143  
CURRENT APPLICATION NUMBER: US/09/658,688A  
CURRENT FILING DATE: 2000-09-08  
NUMBER OF SEQ ID NOS: 88  
SEQ ID NO 88  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-658-688A-88

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1518 GCAGGGGCTGCTG 1531  
DB 16 GCAGGGGCTGCTG 3

RESULT 790  
US-09-198-452A-5228/c  
Sequence 5228, Application US/09198452A  
Patent No. 6559294  
GENERAL INFORMATION:  
APPLICANT: Griffiths, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
thereof and uses thereof, in particular for the diagnosis, prevention

```

: TITLE OF INVENTION:  and treatment of infection
: FILE REFERENCE: 9710-003-999
: CURRENT APPLICATION NUMBER: US/09/198,452A
: CURRENT FILING DATE: 1998-11-24
: NUMBER OF SEQ ID NOS: 6849
: SEQ ID NO 5228
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5228

```

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6 3e+02;  
Matches 14; Conservative 0; Mismatches 0; Gaps 0

Qy	4773	GAAGGGCAGCAAAA	4786
Db	18	GAAGGGCAGCAAAA	5

RESULT 791  
US-09-033-

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US-09-033-936-11/c
: Sequence 11, Application US/09033936
: Patent No. 6632976
:
: GENERAL INFORMATION:
: APPLICANT: TOMIZUKA, KAZUMA
: APPLICANT: YOSHIDA, HITOSHI
: APPLICANT: HANAOKA, KAZUOKI
: APPLICANT: OSHIMURA, MITSUO
: APPLICANT: ISHIDA, ISAO
: TITLE OR INVENTION: CHEMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
: FILE REFERENCE: 081356/0114
: CURRENT APPLICATION NUMBER: US/09/033,936
: CURRENT FILING DATE: 1998-03-02
: PRIOR APPLICATION NUMBER: PCT/jp96/02427
: PRIOR FILING DATE: 1996-08-29
: NUMBER OF SEQ ID NOS: 74
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 11
:
: LENGTH: 20
:
: TYPE: DNA
:
: ORGANISM: Artificial Sequence
:
: FEATURE:
:
: OTHER INFORMATION: Description of Artificial Sequence: Primer
:
: US-09-033-936-11

```

Query Match 0.3%; Score 14; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 6.3+02;  
 Matches 14; Conservative 0; Mismatches 0; Indels 0;  
 Gaps 0  
 1906 GCTCTGCAGAACT 1919  
 07

QY	1906	GCTCTGCAGAACT	1915
Db	17	GCTCTGCAGAACT	4

```

1 RESULT 792
2 US-10-199-024-14/c
3 Sequence 14, Application US/10199024
4 Patent No. 6706523
5
6 GENERAL INFORMATION:
7
8 APPLICANT: Zhen, Fang Fu
9
10 TITLE OF INVENTION: Attenuated Rabies Virus with Nucleoprotein Mutation at the
11
12 TITLE OF INVENTION: Phosphorylation Site for Vaccination Against Rabies and
13
14 TITLE OF INVENTION: Gene Therapy in the CNS
15
16 FILE REFERENCE: 033304-001
17
18 CURRENT APPLICATION NUMBER: US/10/199,024
19
20 CURRENT FILING DATE: 2002-07-22
21
22 NUMBER OF SEQ ID NOS: 64
23
24 SOFTWARE: FastSeq for Windows Version 4.0
25
26 SEQ ID NO 14
27
28 LENGTH: 20
29
30 TYPE: DNA
31
32 ORGANISM: Artificial Sequence

```

```

; FEATURE:
; OTHER INFORMATION: primer
US-10-199-024-14 r

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Query Match Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6,3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY	3623	TGAGCAAGATCTTC	3636
Db	19	TGAGCAAGATCTTC	6

RESULT 793  
US-09-794-422-32/c  
; Sequence 32, Application US/09794422

GENERAL INFORMATION:  
APPLICANT: Brown, Thomas A.  
APPLICANT: De Wet, Jeffrey R.  
APPLICANT: Gowen, Lori C.  
APPLICANT: Hanes, Lynn M.  
TITLE OF INVENTION: Mammalian Osteoregulin  
FILE REFERENCE: PCT0445  
CURRENT APPLICATION NUMBER: US/09/794,422  
PRIORITY FILING DATE: 2001-02-27  
PRIOR APPLICATION NUMBER: 60/185,617  
PRIOR FILING DATE: 2000-02-29  
PRIOR APPLICATION NUMBER: 60/234,500  
PRIOR FILING DATE: 2000-09-22  
NUMBER OF SEQ ID NOS: 46  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 32  
TYPE: DNA  
ORGANISM: Mus musculus  
US-09-794-422-32

Query Match	0.34	Score	14	DB	1	length	20
Best Local Similarity	100.0%	Pred.	No.	6.3e+02			
Matches	14	Conservative	0	Mismatches	0	Indels	0
						Gaps	0

Qy	5247	GAGCAAGCCCAACAG	5260
Db	14	GAGCAAGCCCAACAG	1

RESULT 794  
PCT-US95-05744-58/c  
Sequence 58, Application PC/TUS9505744  
GENERAL INFORMATION:  
APPLICANT: GOLDSTEIN, Joyce A.  
APPLICANT: KOKOS-SPARKS, Marjorie  
APPLICANT: DE MORALS, Sonia M.F.  
TITLE OF INVENTION: CLONING, EXPRESSION AND DIAGNOSIS OF HUMAN  
TITLE OF INVENTION: CYCLOPHORH P450 2C19: THE PRINCIPAL DETERMINANT  
TITLE OF INVENTION: OF S-MEPHANTOLIN METABOLISM  
NUMBER OF SEQUENCES: 61  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend Kourile and Crew  
STREET: 379 Lytton Avenue  
CITY: Palo Alto  
STATE: California  
COUNTRY: US  
ZIP: 94301  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/05744  
FILING DATE:

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/238,821  
FILING DATE: 06-MAY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/201,118  
FILING DATE: 22-FEB-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/864,962  
FILING DATE: 09-APR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Dow, Karen B.  
REGISTRATION NUMBER: 29,684  
REFERENCE/DOCKET NUMBER: 15280-192-1-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 326-2400  
TELEFAX: (415) 326-2422  
INFORMATION FOR SEQ ID NO: 58:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
PCT-US95-05744-58

Query Match 0.3%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4724 ACCAGCCTTGAG 4737  
DB 15 ACCAGCCTTGAG 2

RESULT 795  
US-08-469-177-7/C  
Sequence 7, Application US/08469177  
Patent No. 5607924  
GENERAL INFORMATION:  
APPLICANT: MAGDA, Darren  
APPLICANT: SESSLER, Jonathan L.  
APPLICANT: IVERRSON, Brent L.  
APPLICANT: SANSOM, Petra I.  
APPLICANT: WRIGHT, Meredith  
TITLE OF INVENTION: DNA PHOTOCLEAVAGE USING TEXAPHYRINS  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Pharmacycles, Inc.  
STREET: 995 East Arques Avenue  
CITY: Sunnyvale  
STATE: California  
COUNTRY: United States of America  
ZIP: 94086  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,177  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Larson, Jacqueline S.  
REGISTRATION NUMBER: 30,279  
REFERENCE/DOCKET NUMBER: PHAY:057  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (408) 774-3363  
TELEFAX: (408) 774-0340  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "RNA"

US-08-469-177-7  
Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4399 AAAGAGAAAGATGA 4415  
DB 17 AAAGAGAAAGAGAGA 1

RESULT 796  
US-08-373-124A-184/C  
Sequence 184, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwigen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 184:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-184

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;



Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 575 AGGAGAGCTGAAGAG 591

Db 17 AGGAGAGAGAGAGAG 1

## RESULT 797

US-08-373-124A-2149/C

Sequence 2149, Application US/08373124A  
Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwiggen, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TITLE OF INVENTION: TREATMENT OF RISTENOSIS AND

TITLE OF INVENTION: CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Filth Street

CITY: Suite 4700

STATE: Los Angeles

COUNTRY: California

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373.124A

FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245.466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192.943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987.132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936.422

FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Wardburg, Richard

REGISTRATION NUMBER: 32.327

REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2149:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-373-124A-2149

QY 5399 ATACAAAAAGAAAAA 5415

Db 17 ATATTAATAATTAATAA 1

RESULT 798

US-08-200-232-5/C

Sequence 5, Application US/08200232

Patent No. 5721349

GENERAL INFORMATION:

APPLICANT: Cover, Timothy L.

APPLICANT: Blaser, Martin U.

TITLE OF INVENTION: VACUOLATING TOXIN-DEFICIENT H. PYLORI

TITLE OF INVENTION: AND RELATED METHODS

NUMBER OF SEQUENCES: 18

CORRESPONDENCE ADDRESS:

ADDRESSEE: NEEDLE & ROSENBERG P.C.

STREET: 127 Peachtree Street, Suite 1200

CITY: Atlanta

STATE: Georgia

COUNTRY: USA

ZIP: 30303

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/200.232

FILING DATE:

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Spratt, Gwendolyn D.

REGISTRATION NUMBER: 36,016

REFERENCE/DOCKET NUMBER: 2200.023

TELECOMMUNICATION INFORMATION:

TELEPHONE: 404/688-0770

TELEFAX: 404/688-9880

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-200-232-5

QY 4814 GTATCAACACAGCCCT 4830

Db 17 GTATCAACACAGCCCT 1

RESULT 799

US-08-758-306-37

Sequence 37, Application US/08758306

Patent No. 5807743

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: McSwiggen, James A.

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: TREATMENT OF DISEASES

TITLE OF INVENTION: ASSOCIATED WITH

TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR

TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION

NUMBER OF SEQUENCES: 1379

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Filth Street

CITY: Suite 4700

STATE: Los Angeles

COUNTRY: California

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/758,306  
FILING DATE: December 3, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 212/132  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 37:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-758-306-37

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 5.9e+02;  
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 283 CAGCTGACTTCTCCAG 299  
Db 1 CAGCTGATUUCUUCUCG 17

RESULT 800  
US-08-758-306-87  
Sequence 87, Application US/08758306  
Patent No. 5807743  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES  
TITLE OF INVENTION: ASSOCIATED WITH  
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
NUMBER OF SEQUENCES: 1379  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/758,306  
FILING DATE: December 3, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 212/132

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 87:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-758-306-87

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 5.9e+02;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 844 CCCAGCCACCCACCTC 860  
Db 1 CCCAGCTUACCAACCTC 17

RESULT 801  
US-08-435-628-184/C  
Sequence 184, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwigen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/967,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 184:  
SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-184

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 575 AGGAGAGCTGAAGAG 591  
DB 17 AGGAGAGAGAGAGAG 1

RESULT 802  
US-08-435-628-2149/c  
Sequence 2149, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435.628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2149:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-2149

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5399 ATACAAAAAGAAAAA 5415  
DB 17 ATATAAAAATAAAAAA 1

RESULT 803  
US-08-584-040-2096  
Sequence 2096, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2096:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2096

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 5.9e+02;  
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 3805 AAGAACTGTACCGAGT 3821  
DB 1 AAGAACTUUAACCGAAU 17

RESULT 804  
US-08-584-040-2550/c  
Sequence 2550, Application US/08584040

Patent No.65346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2550:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

```

Query Match          0.3%   Score 13.8; DB 1;   Length 17;
Best Local Similarity      88.2%;   Pred. No. 5.9e+02;
Matches      15;   Conservative      0;   Mismatches      2;   Indels      0;   Gaps      0.

QY      5393   AAAAAAAAAACAAAAAG   5409
|||||  |||||  |||||  |||||
Db      17   AAAAAAAAAAAAAAAAAAG   1

RESULT 805
US-08-584-040-4024
; Sequence 4024, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES:      8502

```

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Waiburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 4024:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

```

Query Match          0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.9e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY          188 GTGAGCGTTGCCACAC 204
      |||||::|||||
Db          1 GGGAGAGTUGCCACAC 17

RESULT 806
US-08-584-040-7627
; Sequence 7627, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible

```

OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 7627:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-7627

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 5.9e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 4803 CAGCAGCTGAAGTATCA 4819  
|||||:|||||  
Db 1 CAGCAGCTGAAGTATCA 17

RESULT 807  
US-08-584-040-7818/c  
Sequence 7818, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.  
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 7818:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-7818

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5399 ATACAAAAAGAAAAA 5415  
|||||:|||||  
Db 17 AACCAAAAAACAAAAA 1

RESULT 808  
US-08-584-040-7819/c  
Sequence 7819, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 7819:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-7819

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5398 AATCAAAAAAGAAAA 5414  
DB 17 AAAAAAAGAAAAA 1

RESULT 809  
US-08-584-040-7910/C  
Sequence 7910, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 7910:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-7910

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5079 GGCACAGAGCCAGC 5095  
DB 17 GGCCTCAGAGCCAGC 1

RESULT 810  
US-08-584-040-7911/C

Sequence 7911, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 7911:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-7911

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5078 TGGCTCAGAGCCAG 5094  
DB 17 TGGCTCAGAGCCAG 1

RESULT 811  
US-08-584-040-8061  
Sequence 8061, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/806,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 8061:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-8061

```
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 MB
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 8061:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-8061

Query Match          0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 5.9e+02;
Matches 8; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

Qy      5306 GCTCTTTAGAAATTGT 5322
Db      1 GCUCUCUAGAAGUGU 17

RESULT 812
US-08-679-645-884/C
/ Sequence 884, Application US/08679645
/ Patent No. 6350934
/ GENERAL INFORMATION:
/ APPLICANT: Zwick, Michael G.
/ APPLICANT: Edington, Brent B.
/ APPLICANT: McSwiggen, James A.
/ APPLICANT: Merlo, Patricia Ann Owens
/ APPLICANT: Guo, Lining
/ APPLICANT: Skokut, Thomas A.
/ APPLICANT: Young, Scott A.
/ APPLICANT: Folkerts, Otto
/ APPLICANT: Merlo, Donald J.
/ TITLE OF INVENTION: COMPOSITION AND METHODS FOR
/ TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
/ TITLE OF INVENTION: IN PLANTS
/ NUMBER OF SEQUENCES: 1263
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
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/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 MB
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/679,645
/ FILING DATE: July 12, 1996
/ CLASSIFICATION: 800
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/001,135
/ FILING DATE: July 13, 1995
/ APPLICATION NUMBER: 08/300,726
/ FILING DATE: September 2, 1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 219/247
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 884:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-679-645-884

Query Match          0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5396 AAAATACAAAAGAAA 5412
Db      17 AAAATACAAAATAAAAA 1

RESULT 813
US-08-679-645-885/C
/ Sequence 885, Application US/08679645
/ Patent No. 6350934
/ GENERAL INFORMATION:
/ APPLICANT: Zwick, Michael G.
/ APPLICANT: Edington, Brent B.
/ APPLICANT: McSwiggen, James A.
/ APPLICANT: Merlo, Patricia Ann Owens
/ APPLICANT: Guo, Lining
/ APPLICANT: Skokut, Thomas A.
/ APPLICANT: Young, Scott A.
/ APPLICANT: Folkerts, Otto
/ APPLICANT: Merlo, Donald J.
/ TITLE OF INVENTION: COMPOSITION AND METHODS FOR
/ TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
/ TITLE OF INVENTION: IN PLANTS
/ NUMBER OF SEQUENCES: 1263
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 MB
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
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/ APPLICATION NUMBER: US/08/679,645
/ FILING DATE: July 12, 1996
/ CLASSIFICATION: 800
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/001,135
/ FILING DATE: July 13, 1995
/ APPLICATION NUMBER: 08/300,726
/ FILING DATE: September 2, 1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 219/247
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 885:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-679-645-885
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 5395 AAAAAATCAAAAAGAA 5411
DB 17 AAAAAATCAAAAATGAA 1
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```
RESULT 814
US-09-479-645A-33
/ Sequence 33, Application US/09479645A
/ Patent No. 6489141
/ GENERAL INFORMATION:
/ APPLICANT: FRAZER, Ian Hector
/ APPLICANT: ZHOU, Jian
/ TITLE OF INVENTION: NUCLEIC ACID SEQUENCE AND METHOD FOR SELECTIVELY
/ TITLE OF INVENTION: EXPRESSING A PROTEIN IN A TARGET CELL OR TISSUE
/ FILE REFERENCE: 210338.0001/US
/ CURRENT APPLICATION NUMBER: US/09/479,645A
/ PRIOR FILING DATE: 2000-01-07
/ PRIOR APPLICATION NUMBER: PCT/AU96/00530
/ PRIOR FILING DATE: 1998-07-09
/ PRIOR APPLICATION NUMBER: AU P07765
/ PRIOR FILING DATE: 1997-07-09
/ PRIOR APPLICATION NUMBER: AU P09467
/ PRIOR FILING DATE: 1997-09-11
/ NUMBER OF SEQ ID NOS: 219
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 33
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:
US-09-479-645A-33
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```
Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1327 TGGAAAAATGAGATT 1343
DB 1 TCGTAAAAAGAGATT 17
```

```
RESULT 815
US-09-300-958A-63/c
```

```
/ Sequence 63, Application US/09300958A
/ Patent No. 6495319
/ GENERAL INFORMATION:
/ APPLICANT: McClelland, Michael
/ APPLICANT: Welsh, John
/ APPLICANT: Trengle, Thomas
/ TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
/ TITLE OF INVENTION: Using Same
/ FILE REFERENCE: P-PH 3457
/ CURRENT APPLICATION NUMBER: US/09/300,958A
/ PRIOR FILING DATE: 1999-04-27
/ PRIOR APPLICATION NUMBER: 60/083,331
/ PRIOR FILING DATE: 1998-04-27
/ PRIOR APPLICATION NUMBER: 60/098,070
/ PRIOR FILING DATE: 1998-08-27
/ PRIOR APPLICATION NUMBER: 60/118,624
/ PRIOR FILING DATE: 1999-02-04
/ NUMBER OF SEQ ID NOS: 85
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 63
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-300-958A-63
```

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Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY 5400 TACAAAAAGAAAAAT 5416
DB 17 TAAAAAAGAAAAAAT 1
```

```
RESULT 816
US-09-474-432B-365
/ Sequence 365, Application US/09474432B
/ Patent No. 6528640
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Beigelman, Leo
/ APPLICANT: Burgin, Alex
/ APPLICANT: Beaudry, Amber
/ APPLICANT: Karpeisky, Alex
/ APPLICANT: Adamic, Jasenka
/ APPLICANT: Sweedler, David
/ APPLICANT: Zinnen, Shawn
/ TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
/ FILE REFERENCE: MBH00-831-B (247/276)
/ CURRENT APPLICATION NUMBER: US/09/474,432B
/ PRIOR FILING DATE: 1999-12-19
/ PRIOR APPLICATION NUMBER: US 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ PRIOR APPLICATION NUMBER: US 60/084,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: US 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: US 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ NUMBER OF SEQ ID NOS: 1526
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 365
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-474-432B-365
```

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Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 5.9e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
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QY 3246 TGAAGCTGCGCAGGACC 3262  
:||||:|||||  
Db 1 UGACUGCGCCAUAGC 17

RESULT 817  
US-09-474-432B-643  
Sequence 643, Application US/09474432B  
Patent No. 6528640  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Burgin, Alex  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpelesky, Alex  
APPLICANT: Adamic, Jasenka  
APPLICANT: Sweedler, David  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides  
FILE REFERENCE: MHB00-831-B (247/276)  
CURRENT APPLICATION NUMBER: US/09/474,432B  
CURRENT FILING DATE: 1999-12-19  
PRIOR APPLICATION NUMBER: US 60/064,866  
PRIOR FILING DATE: 1997-11-05  
PRIOR APPLICATION NUMBER: US 60/084,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: US 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: US 09/301,511  
PRIOR FILING DATE: 1999-04-28  
NUMBER OF SEQ ID NOS: 1526  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 643  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-474-432B-643

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 5.9e+02;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 4768 TGGAGAGGCGACAA 4784  
:||||:|||||  
Db 1 UGACGAGGCGACAA 17

RESULT 818  
US-09-371-772B-641  
Sequence 641, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Becobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MHB00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 641  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-641

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 5.9e+02;  
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 3805 AAGAACTGTACCGAGT 3821  
:||||:|||||  
Db 1 AAGAACTUUUACCGAAU 17

RESULT 819  
US-09-371-772B-1074/C  
Sequence 1074, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Becobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MHB00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1074  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-1074

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAG 5409  
:||||:|||||  
Db 17 AAAAAATACAAAAG 1

RESULT 820  
US-09-371-772B-1791  
Sequence 1791, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Becobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MHB00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1791  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-1791

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5.9e+02;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 188 GTGAGCGTTCGCCAC 204  
| | | | | | | | | | | | | | | | | |  
Db 1 GGGAGAGUUGCCACAC 17

RESULT 821  
US-09-371-772B-3419  
; Sequence 3419, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwigen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 3419  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-3419

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 5.9e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 4803 CAGCAGCTGAAGTATCA 4819  
| | | | | | | | | | | | | | | | | |  
Db 1 CAGCAGCTCAAGUGUCA 17

RESULT 822  
US-09-371-772B-3602/c  
; Sequence 3602, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwigen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 3602  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-3602

Query Match 0.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5399 ATACAAAAAGAAAAA 5415  
| | | | | | | | | | | | | | | | | |  
Db 17 AACAAAAAACAAAAA 1

RESULT 823  
US-09-371-772B-3603/c  
; Sequence 3603, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwigen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 3603  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-3603

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5398 AATACAAAAAGAAAAA 5414  
| | | | | | | | | | | | | | | | | |  
Db 17 AAAACAAAAAACAAAAA 1

RESULT 824  
US-09-371-772B-3693/c  
; Sequence 3693, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwigen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 3693  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-3693

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;

	Matches	15; Conservative	0; Mismatches	2; Indels	0; Gaps	0;
QY	5079	GGCCACGACGACCAAGC	5095			
Db	17	GGCCTCAGAGCCCAAGC	1			

```

RESULT 825
US-09-371-772B-3694/c
Sequence 3694, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MMB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3694
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-3694

```

Query Match	0.3%	Score 13.8	DB 1	Length 17
Best Local Similarity	88.2%	Pred. No.5.9e+02		
Matches 15	Conservative 0	Mismatches 2	Indels 0	Gaps 0
QY	5078	TTGGCCACGCGCCGACG	5094	
	17	TTGGCCTCAGAGCCGACG	1	

```

RESULT 826
US-09-371-772B-3844
: Sequence 3844, Application US/09371772B
: Patent No. 6566127
: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: Pavco, Pam
: APPLICANT: McSwiggen, Jim
: APPLICANT: Stinchcomb, Dan
: APPLICANT: Escobedo, Jaime
: TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
: TITLE OR INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
: FILE REFERENCE: MHB00, 876-J (237/198)
: CURRENT APPLICATION NUMBER: US/09/371, 772B
: CURRENT FILING DATE: 1999-08-10
: PRIOR APPLICATION NUMBER: US 60/005,974
: PRIOR FILING DATE: 1995-10-26
: PRIOR APPLICATION NUMBER: US 08/584,040
: PRIOR FILING DATE: 1996-01-08
: NUMBER OF SEQ ID NOS: 14225
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 3844
: LENGTH: 17
: TYPE: RNA
: ORGANISM: Mus BP.
: US-09-371-772B-3844

```

```

Query Match      0.3%; Score 13.8; DB 1; length 17;
Best Local Similarity 47.1%; Pred. No. 5.9e+02;
Matches 8; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

```

```
Qy      5306 GCTCTTTAGAAATTGT 5322
      ||:|: ::||| :|:
Db      1 GCUCUCUUGAAGUUGU 17
```

```

RESULT 827
US-09-371-772B-4566
: Sequence 4566, Application US/09371772B
: Patent No. 6566127
: GENERAL INFORMATION:
: APPLICANT: Ribozyne Pharmaceuticals, Inc.
: APPLICANT: Pavco, Pam
: APPLICANT: McSwiggan, Jim
: APPLICANT: Stinchcomb, Dan
: APPLICANT: Escobedo, Jaime
: TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Vascular Endothelial Growth Factor Receptor
: TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
: FILE REFERENCE: MBH00,876-J (237/198)
: CURRENT FILING DATE: 1999-08-10
: PRIOR APPLICATION NUMBER: US 60/005,974
: PRIOR FILING DATE: 1995-10-26
: PRIOR APPLICATION NUMBER: US 08/584,040
: PRIOR FILING DATE: 1996-01-08
: NUMBER OF SEQ ID NOS: 14225
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 4566
: LENGTH: 17
: TYPE: RNA
: ORGANISM: Homo sapiens
US-09-371-772B-4566

```

Query Match	Score 13.8;	DB 1;	Length 17;
Best Local Similarity	70.6%;	Pred. No. 5.9e+02;	
Matches 12;	Conservative 3;	Mismatches 2;	Indels 0;
			Gaps 0;
QY	2356	GAGGACCCCATCCCTCT	2372
DB	1	GAGGACCCCATCCACUCU	17

```

RESULT 828
US-09-371-772B-5579
; Sequence 5579 Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Expression of a Gene
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371, 772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5579
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5579

```

Query Match	0.3%	Score 13.8	DB 1	Length 17
Best Local Similarity	82.4%	Pred. No. 5.9e+02		
Matches 14; Conservative	1;	Mismatches 2;	Indels 0;	Gaps 0;

QY 5398 AATACAAAAAGAAAA 5414  
||:|||||  
Db 1 AAUUCACAAAGAAAA 17

RESULT 829  
US-09-371-772B-5580/C  
; Sequence 5580, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwigen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH800.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 5580  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-5580

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2264 AAAAAAGACCTTTC 2280  
|||||  
Db 17 AAAAAAGACCTTTC 1

RESULT 830  
US-09-371-772B-6122/C  
; Sequence 6122, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwigen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH800.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6122  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6122

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 41 GCAGCCCGGCTTCAC 57

Db 17 GCAGCCCGGCTTCAC 1  
|||||

RESULT 831  
US-09-371-772B-6657/C  
; Sequence 6657, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwigen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH800.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6657  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6657

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5219 TCTTGCTTGTCACG 5235  
|||||  
Db 17 TCTTGCTTGTCACG 1

RESULT 832  
US-09-476-387-364  
; Sequence 364, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpelisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Zinnun, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MBH800-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; PRIOR FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 364  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-364

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 5.9e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Cy 3246 TGACTGCTGCCAGAC 3262  
Db 1 UGACGCGCCAGAC 17

RESULT 833  
US-09-476-387-642  
Sequence 642, Application US/09476387  
Patent No. 6617438  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpelsky, Alex  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Sweedler, Dave  
APPLICANT: Zinner, Shawn  
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
FILE REFERENCE: MEB00-831-C (249/073)  
CURRENT FILING DATE: 2001-04-04  
PRIOR APPLICATION NUMBER: US/09/476,387  
PRIOR FILING DATE: 1999-12-29  
PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: 60/083,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/064,866  
PRIOR FILING DATE: 1997-11-05  
NUMBER OF SEQ ID NOS: 1524  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 642  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-476-387-642

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 5.9e+02;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Cy 4768 TGGAGAGGACGACAA 4784  
Db 1 UGACGAGGACGACAA 17

RESULT 834  
US-09-866-108A-667  
Sequence 667, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wenheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: A60MICA-7  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US/09/866,108A  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: A60MICA Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 667  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-667

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 649 GCTCAGCCAGAGAAC 665  
Db 1 GCCAAGCCAGAGAAC 17

RESULT 835  
US-09-866-108A-740/C  
Sequence 740, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wenheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: A60MICA-7  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263,6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755



;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecmca Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 1318  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-1318

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1548 ACTGGCAGGCGAGTGA 1564

Db 1 ACTGGAGAGGCGAGTGA 17

RESULT 839  
US-09-866-108A-1350  
;; Sequence 1350, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharon G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEWICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; PRIOR FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; Remaining Prior Application data removed - See File Wrapper or PALM.

;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecmca Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 1350  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-1350

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1675 GAAAGATGGACAGC 1691

Db 1 GAAAGATGGACAGC 17

RESULT 840  
US-09-866-108A-1351  
;; Sequence 1351, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharon G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEWICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; PRIOR FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecmca Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 1351  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-1351

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1676 GAAAGATGGACAGC 1692

Db 1 GAAAGATGGACAGC 17

```
RESULT 841
US-09-866-108A-1670
; Sequence 1670, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1670
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1670

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3558 GCAGAGCTCGATCAG 3574
Db      1 GCAGAGCTCGAGCCAG 17

RESULT 842
US-09-866-108A-2019
; Sequence 2019, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
```

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; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2019
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2019

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3023 GCCCTGCTGCTCTCTG 3039
Db      1 GCCCTGCTGCTCTCTG 17

RESULT 843
US-09-866-108A-2369
; Sequence 2369, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
```



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; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2369
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2369

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3460 CAGCTGCTCATCTTCAG 3476
Db      1 CAGCTGCTCATCTTCAG 17
```

```

RESULT 844
; Sequence 6676, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6676
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6676
```

```

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      885 CCATGAATTGCGCGCG 901
Db      17 CCTGAATTGCGCGCG 1
```

```

RESULT 845
US-09-866-108A-6935/c
; Sequence 6935, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6935
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6935
```

```

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2323 ATCTCCACCTTCTTGAA 2339
Db      17 ATCTTCAGCTTCTTGAA 1
```

```

RESULT 846
US-09-866-108A-7799/c
; Sequence 7799, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
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; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7799
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7799

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGAG 2658
DB 17 TTCAGCTGCTGCTGAG 1

RESULT 847
US-09-866-108A-7800/c
; Sequence 7800, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
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; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7800
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7800

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGACGTGCTGCTGCA 2657
DB 17 CTTCAGCTGCTGCTGANA 1

RESULT 848
US-09-866-108A-8357
; Sequence 8357, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8357
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8357

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 574 AAGAGAGCTGAAGA 590
DB 1 AAGAGAGCTGAGANA 17
```

```
RESULT 849
US-09-866-108A-8399
; Sequence 8399, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8399
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8399
;
; Query Match 0.3%; Score 13.8; DB 1; Length 17;
; Best Local Similarity 88.2%; Pred. No. 5.9e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

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RESULT 851
US-09-866-108A-8418
; Sequence 8465, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8418
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8418
;
; Query Match 0.3%; Score 13.8; DB 1; Length 17;
; Best Local Similarity 88.2%; Pred. No. 5.9e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8465
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8465

Query Match
Best Local Similarity 80.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2572 AGAGATGAGAACAT 2588
Db 1 AGCGAGCTGAGAACAT 17

RESULT 852
US-09-866-108A-8648
; Sequence 8648, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8648
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8648

Query Match
Best Local Similarity 80.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2641 CTCGAGCTGCTGCGCA 2657
Db 1 CTCGAGCTGAGCTGCA 17

RESULT 853
US-09-866-108A-8648/c
; Sequence 8648, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8648
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8648

Query Match
Best Local Similarity 80.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2642 TCGAGCTGCTGCTGAG 2658
Db 1 TCGAGCTGAGCTGAG 1

RESULT 854
US-09-866-108A-8649
; Sequence 8649, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
```

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; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8649
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8649
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Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      2642 TGCAGCTGCTGCTGCAG 2658
Db      1 TGCAGCTGCTGCTGCAG 17
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RESULT 855
US-09-866-108A-8649/c
; Sequence 8649, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8649
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8649
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Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      2641 CTCGAGCTGCTGCTGCA 2657
Db      17 CTCGAGCTGCTGCTGCA 1
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RESULT 856
US-09-866-108A-8650/c
; Sequence 8650, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8650
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8650
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Db      17 CCTCCAGCTGCTGCTGC 1
RESULT 857
US-09-866-108A-8810/c
; Sequence 8810, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8810
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8810
Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY      2323 ATCTCCACCTTCTTGAA 2339
Db      17 ATCTGCACCTTCTGGA 1
RESULT 858
US-09-866-108A-8864/c
; Sequence 8864, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
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; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8864
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8864
Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY      3587 CCCATGTTGCTCAGGCT 3603
Db      17 CCCATCTTATCAGGCT 1
RESULT 859
US-09-866-108A-8915/c
; Sequence 8915, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
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PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8915  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8915

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2235 CTGCTCTCTGCTGCTG 2251  
Db 17 CTGCTCTCCGCTGCTG 1

RESULT 860  
US-09-866-108A-9196  
Sequence 9196, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263,6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 9196  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-9196

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2574 AGAGATGAGACATCTT 2590  
Db 1 AGAGATGATACCTT 17

RESULT 861  
US-09-866-108A-9544  
Sequence 9544, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263,6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 9544  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-9544

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 326 CCCCTCCCTGCTTTC 342  
Db 1 CTCTCCCTGCTTTC 17

RESULT 862  
US-09-866-108A-9630/c  
Sequence 9630, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

```
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9630
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9630
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```
Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

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QY 5103 CCTCCGATCCATCCA 5119
Db 17 CCTCCGAGCCCTTCCA 1
```

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RESULT 863
US-09-866-108A-9651/c
Sequence 9651, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
```

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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9651
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9651
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 307 CAGGCCCTCTGGGCTC 323
Db 17 CTGGCCTCTGGGCTC 1
```

```
RESULT 864
US-09-866-108A-10662/c
Sequence 10662, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 10662
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-10662
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```



OY 3053 TGCTGGCTGTGGCTC 3069  
Db 17 TGCTGGCTGTGGCTC 1

## RESULT 865

US-09-866-108A-10664/C  
Sequence 10664, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yongsang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263,6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 10664  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-10664

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 3051 GTTGGCTGGCTGTGGCC 3067  
Db 17 GCTGGCTGGCTGTGGCC 1

## RESULT 866

US-09-404-912-55/C  
Sequence 55, Application US/09404912  
Patent No. 6703228  
GENERAL INFORMATION:  
APPLICANT: John Landers  
APPLICANT: David Houseman  
APPLICANT: Barbara Jordan  
APPLICANT: Alain Charast  
TITLE OF INVENTION: Methods and Products Related to  
FILE REFERENCE: M0656/7045 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/404,912  
CURRENT FILING DATE: 1999-09-24  
PRIOR APPLICATION NUMBER: US 60/101,757  
PRIOR FILING DATE: 1998-09-25  
PRIOR APPLICATION NUMBER: PCT/US99/22283  
PRIOR FILING DATE: 1999-09-24  
NUMBER OF SEQ ID NOS: 691  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 55  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo Sapiens  
US-09-404-912-55

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 3054 GGCTGGCTGTGGCTCA 3070  
Db 17 GGCTGGCTGTGTCTCA 1

RESULT 867  
PCT-US95-02219-5/C  
Sequence 5, Application PC/TUS9502219  
GENERAL INFORMATION:

APPLICANT: Cover, Timothy L.  
APPLICANT: Blaser, Martin J.  
TITLE OF INVENTION: VACUOLATING TOXIN-DEFICIENT H. PYLORI  
TITLE OF INVENTION: AND RELATED METHODS  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:

ADDRESSER: NEEDLE & ROSENBERG P.C.  
STREET: 127 Peachtree Street, Suite 1200  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303

COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/02219  
FILING DATE:

CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Spratt, Gwendolyn D.  
REGISTRATION NUMBER: 36,016  
REFERENCE/DOCKET NUMBER: 2200,023  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 404/688-0770  
TELEFAX: 404/688-9880

INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
PCT-US95-02219-5

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4814 GTATCACACCAAGCCT 4830  
Db 17 GTATCACACCAAGCCT 1

RESULT 868  
PCT-US95-02219A-5/c  
Sequence 5, Application PC/TUS9502219A  
GENERAL INFORMATION:  
APPLICANT: Cover, Timothy L.  
APPLICANT: Tumutur, Murali KR  
APPLICANT: Cao, Ping  
APPLICANT: Thompson, Stuart A.  
APPLICANT: Blaser, Martin J.  
TITLE OF INVENTION: VACUOLATING TOXIN-DEFICIENT H. PYLORI  
TITLE OF INVENTION: AND THE RELATED METHODS  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NEEDLE & ROSENBERG P.C.  
STREET: 127 Peachtree Street, Suite 1200  
CITY: Atlanta  
STATE: Georgia  
ZIP: 30303  
COUNTRY: USA  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/02219A  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Spratt, Gwendolyn D.  
REGISTRATION NUMBER: 36,016  
REFERENCE/DOCKET NUMBER: 2200.023  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 404/688-0770  
TELEFAX: 404/688-9880  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
PCT-US95-02219A-5

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4814 GATACACACGACCT 4830  
DB 17 GATACACACGACCTT 1

RESULT 869  
US-08-758-306-953  
Sequence 953, Application US/08758306  
Patent No. 5807743  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: McSwigen, James A.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES  
TITLE OF INVENTION: ASSOCIATED WITH  
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
NUMBER OF SEQUENCES: 1379  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.

ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/758,306  
FILING DATE: December 3, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 212/132  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 953:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-758-306-953

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 64.7%; Pred. No. 6.2e+02;  
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 2640 CCGCAGCTGCTGCTGC 2656  
DB 2 CCUCAGCUCGCUCCUC 18

RESULT 870  
US-08-224-981-10  
Sequence 10, Application US/08224981  
Patent No. 5646019  
GENERAL INFORMATION:  
APPLICANT: Nielson, Kirk B.  
APPLICANT: Mathur, Eric J.  
TITLE OF INVENTION: Method for Producing Primed Nucleic Acid  
TITLE OF INVENTION: Templates  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Penile & Edmonds  
STREET: 2730 Sand Hill Road  
CITY: Menlo Park  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/224,981  
FILING DATE: Concurrently herewith  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/425,867  
FILING DATE: 24-OCT-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Halluin, Albert P.  
REGISTRATION NUMBER: 25,227  
REFERENCE/DOCKET NUMBER: 8142-054  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 854-3660  
TELEFAX: (415) 854-3694  
TELEX: 66141 PENNIR  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA  
US-08-224-981-10

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1686 GACAGCCACTCCGGCTC 1702  
DB 1 GACAGTCACTCCGGCCC 17

RESULT 871  
US-08-246-982A-21  
Sequence 21, Application US/08246982A  
Patent No. 5686288  
GENERAL INFORMATION:  
APPLICANT: Macdonald, Marcy E.  
APPLICANT: Ambrose, Christine M.  
APPLICANT: Duyao, Mabel P.  
APPLICANT: Guebella, James F.  
TITLE OF INVENTION: Huntingtin DNA, Protein And Uses Thereof  
NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
STREET: 1100 New York Avenue  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/246,982A  
FILING DATE: May 20, 1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Goldstein, Jorge, A.  
REGISTRATION NUMBER: 29,021  
REFERENCE/DOCKET NUMBER: 0609.3880002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-246-982A-21

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4606 CAGGTGCTGAGCCAGCA 4622  
DB 1 CAGGTACTGAGCGAGGA 17

RESULT 872

US-08-453-265-21  
Sequence 21, Application US/08453265  
Patent No. 5693757  
GENERAL INFORMATION:  
APPLICANT: Macdonald, Marcy E.  
APPLICANT: Ambrose, Christine M.  
APPLICANT: Duyao, Mabel P.  
APPLICANT: Guebella, James F.  
TITLE OF INVENTION: Huntingtin DNA, Protein And Uses Thereof  
NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
STREET: 1100 New York Avenue  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/453,265  
FILING DATE: 30-MAY-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Ludwig, Steven R.  
REGISTRATION NUMBER: 36,203  
REFERENCE/DOCKET NUMBER: 0609.3880003  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-453-265-21

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4606 CAGGTGCTGAGCCAGCA 4622  
DB 1 CAGGTACTGAGCGAGGA 17

RESULT 873  
US-08-363-240A-1223  
Sequence 1223, Application US/08363240A  
Patent No. 5705388  
GENERAL INFORMATION:  
APPLICANT: Couture, Larry  
APPLICANT: McSwigen, James  
APPLICANT: Bisgaler, Charles  
APPLICANT: Page, Michael  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
PREVENTION, INHIBITION OF  
PROGRESSION AND REGRESSION  
OF VASCULAR DISEASES  
NUMBER OF SEQUENCES: 1243  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/363,240A  
FILING DATE: December 23, 1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 210/096  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1223:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-363-240A-1223

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 70.6%; Pred. No. 6.2e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 2108 GCCTGATGACGACGATG 2124  
DB 1 GCCGCGCGCGACGAG 17

RESULT 874  
US-08-424-663-6/c  
Sequence 6, Application US/0842463  
Patent No. 5750341  
GENERAL INFORMATION:  
APPLICANT: MACEVICZ, Stephen C.  
TITLE OF INVENTION: DNA Sequencing by Stepwise Extension with Oligonucleotide Bloc  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Stephen C. Macevitz  
STREET: 21890 Rucker Drive  
CITY: Cupertino  
STATE: California  
COUNTRY: USA  
ZIP: 95014  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch diskette  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 3.1/DOS 5.0  
SOFTWARE: Microsoft Word for Windows, vers. 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/424,663  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Stephen C. Macevitz  
REGISTRATION NUMBER: 30,285  
REFERENCE/DOCKET NUMBER: peo1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 638-5552  
TELEFAX:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 nucleotides

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-424-663-6

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 222 CATCTCCCTCACTCC 238  
DB 17 CCTCTCCCTCTCTCC 1

RESULT 875  
US-08-405-702A-15  
Sequence 15, Application US/08405702A  
Patent No. 5789389  
GENERAL INFORMATION:  
APPLICANT: Tarasewicz, Dariusz G  
APPLICANT: Schott, Brigitte  
APPLICANT: Holzmayer, Tatiana A.  
APPLICANT: Roninson, Igor B  
TITLE OF INVENTION: BCL2 derived Genetic Elements Associated  
TITLE OF INVENTION: with Sensitivity to Chemotherapeutic Drugs  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Witcoff, Ltd.  
STREET: 10 South Wacker Drive, Suite 3000  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/405,702A  
FILING DATE: 17-MAR-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 5789389nan, Kevin B  
REGISTRATION NUMBER: 35,303  
REFERENCE/DOCKET NUMBER: 95,332  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-715-1000  
TELEFAX: 312-715-1234  
TELEX: 910-221-5317  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-405-702A-15

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4101 CCTGAGAGCCAGCA 4117  
DB 1 CCTGAGAGCCATCA 17

RESULT 876  
US-08-758-306-499  
Sequence 499, Application US/08758306  
Patent No. 5807743  
GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.  
APPLICANT: McSwigen, James A.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES  
TITLE OF INVENTION: ASSOCIATED WITH  
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
NUMBER OF SEQUENCES: 1379  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/758,306  
FILING DATE: December 3, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 212/132  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 499:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-758-306-499

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 70.6%; Pred. No. 6.2e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 2640 CCGCAGCTGCTGCTGC 2656  
Db 2 CCUGCAGCGCCCGC 18

RESULT 877  
US-08-173-489C-218  
Sequence 218, Application US/08173489C  
Patent No. 5861244  
GENERAL INFORMATION:  
APPLICANT: WANG, C. -G.  
APPLICANT: HEPBURN, A. G.  
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA  
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.  
NUMBER OF SEQUENCES: 365  
CORRESPONDENCE ADDRESS:  
ADDRESSER: PROFILE DIAGNOSTIC SCIENCES, INC.,  
STREET: 510 EAST 73RD STREET,  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10021.  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44MB storage

COMPUTER: IBM PC/XT/AT  
OPERATING SYSTEM: MS-DOS version 6.2  
SOFTWARE: Mordperfect Version 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/173,489C  
FILING DATE: 22 DEC 1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/968,436  
FILING DATE: 29 OCT 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Handelman, Joseph H.  
REGISTRATION NUMBER: 26,179  
REFERENCE/DOCKET NUMBER: U9518-6  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (attorney) (212) 708-1880  
TELEFAX: (attorney) (212) 246-8959  
INFORMATION FOR SEQ ID NO: 218:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleic acid  
STRANDEDNESS: single stranded  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: third strand derived from E. coli 238  
HYPOTHETICAL: yes  
ANTI-SENSE: no  
PUBLICATION INFORMATION:  
RELEVANT RESIDUES IN SEQ ID NO: 218 :FROM 1 TO 18  
US-08-173-489C-218

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 328 CTCCTGCTGCTTTCT 344  
Db 1 CTCCTGCTGCTTTCT 17

RESULT 878  
US-08-585-684B-2687  
Sequence 2687, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995

ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2687:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-2687

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 64.7%; Pred. No. 6.2e+02;  
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCACTGCTGCTGAG 2658  
DB 1 UGUGUCUGCUGCUGCAG 17

RESULT 879  
US-09-156-979-29/c  
Sequence 29, Application US/09156979  
Patent No. 5962672  
GENERAL INFORMATION:  
APPLICANT: Cowsett, Lex M.  
TITLE OF INVENTION: ANTISENSE MODULATION OF RHOB EXPRESSION  
FILE REFERENCE: RTS-0013  
CURRENT APPLICATION NUMBER: US/09/156,979  
CURRENT FILING DATE: 1998-09-18  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 29  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-156-979-29

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1626 CTGCAGAGAGCTGCCCC 1642  
DB 18 CCGCACAGAGCTGCCCC 2

RESULT 880  
US-09-161-015-27/c  
Sequence 27, Application US/09161015A  
Patent No. 5965370  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF RHOG EXPRESSION  
FILE REFERENCE: RTS-0015  
CURRENT APPLICATION NUMBER: US/09/161,015A  
CURRENT FILING DATE: 1998-09-25  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 27  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-161-015-27

Query Match 0.3%; Score 13.8; DB 1; Length 18;

83.1

Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1094 AGCCAGCCTAGCACCC 1110  
DB 17 AGCCAGCCTAGCACCC 1

RESULT 881  
US-08-872-446-6/c  
Sequence 6, Application US/08872446  
Patent No. 5969119  
GENERAL INFORMATION:  
APPLICANT: Macevitz, Stephen C.  
TITLE OF INVENTION: DNA Sequencing by Parallel  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Dehlinger & Associates  
STREET: 350 Cambridge Avenue, Suite 250  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/872,446  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/424,663  
FILING DATE: 17-Apr-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Powers, Vincent M.  
REGISTRATION NUMBER: 36,246  
REFERENCE/DOCKET NUMBER: 5525-0015/peclus  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 324-0880  
TELEFAX: (650) 324-0960  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-872-446-6

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 222 CATCTCCCTCACCTC 238  
DB 17 CCTCTCCCTCACCTC 1

RESULT 882  
US-08-872-446-10  
Sequence 10, Application US/08872446  
Patent No. 5969119  
GENERAL INFORMATION:  
APPLICANT: Macevitz, Stephen C.  
TITLE OF INVENTION: DNA Sequencing by Parallel  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Dehlinger & Associates  
STREET: 350 Cambridge Avenue, Suite 250  
CITY: Palo Alto

```
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/872,446
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/424,663
FILING DATE: 17-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Powers, Vincent M.
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0015/peolus
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-872-446-10

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 222 CATCTCCCTCACCCTC 238
DB 2 CCTCTCCCTCCTCCCTC 18

RESULT 883
US-09-197-008-31/c
Sequence 31, Application US/09197008
Patent No. 5977341
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowseart
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASEB-BETA EXPRESSION
FILE REFERENCE: RTS-0019
CURRENT APPLICATION NUMBER: US/09/197,008
CURRENT FILING DATE: 1998-11-20
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 31
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-197-008-31

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2345 GTATTTCTGAGAGC 2361
DB 17 GTATCTTCAAGAGCC 1

RESULT 884
US-09-255-893-41/c
Sequence 41, Application US/09255893A
Patent No. 6008344
GENERAL INFORMATION:
```

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APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowseart
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2 GROUP IV EXPRESSION
FILE REFERENCE: RTS-0055
CURRENT APPLICATION NUMBER: US/09/255,893A
CURRENT FILING DATE: 1999-02-23
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 41
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-255-893-41

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 576 GGAGGAGCTGAGAGT 592
DB 18 GGAGGAGCTGAGAGT 2

RESULT 885
US-09-344-520-43/c
Sequence 43, Application US/09344520
Patent No. 6037176
GENERAL INFORMATION:
APPLICANT: Frank Bennett
APPLICANT: Lex M. Cowseart
TITLE OF INVENTION: ANTISENSE MODULATION OF Integrin beta 3 EXPRESSION
FILE REFERENCE: RTS-0070
CURRENT APPLICATION NUMBER: US/09/344,520
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 43
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-520-43

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4794 CTGGCACTCAGCAGCT 4810
DB 17 CTGACTCTCAGCAGCT 1

RESULT 886
US-09-339-993-32/c
Sequence 32, Application US/09339993A
Patent No. 6040179
GENERAL INFORMATION:
APPLICANT: Lex M. Cowseart
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-12 EXPRESSION
FILE REFERENCE: RTS-0064
CURRENT APPLICATION NUMBER: US/09/339,993A
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 32
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-993-32
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Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3314 AGAACCACTGATGAC 3330  
Db 18 AGAACCACTGAAGAC 2

RESULT 887

US-09-344-579-41/C  
Sequence 41, Application US/09344579  
Patent No. 6054316

GENERAL INFORMATION:

APPLICANT: Brenda F. Baker

APPLICANT: Lex M. Cowser

TITLE OF INVENTION: ANTISENSE MODULATION OF ETS-2 EXPRESSION

FILE REFERENCE: RTS-0063

CURRENT APPLICATION NUMBER: US/09/344,579

CURRENT FILING DATE: 1999-06-25

NUMBER OF SEQ ID NOS: 47

SEQ ID NO 41

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-344-579-41

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 149 AGGACCCAGAGAGGA 165  
Db 18 AGGACCCAGAGAGGA 2

RESULT 888

US-09-280-409-78/C  
Sequence 78, Application US/09280409  
Patent No. 6107092

GENERAL INFORMATION:

APPLICANT: Lex M. Cowser

APPLICANT: C. Frank Bennett

APPLICANT: Bert W. O'Malley

TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION

FILE REFERENCE: RTS-0048

CURRENT APPLICATION NUMBER: US/09/280,409

CURRENT FILING DATE: 1999-03-29

NUMBER OF SEQ ID NOS: 146

SEQ ID NO 78

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-280-409-78

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2420 TGTCTATGCTTGAG 2436  
Db 18 TGTCTATGCTTGAG 2

RESULT 889

US-08-937-063-11  
Sequence 11, Application US/08937063  
Patent No. 6187534

GENERAL INFORMATION:

APPLICANT: STROM, TERRY B.  
APPLICANT: VASCONCELOS, LAURO  
APPLICANT: SUTHANTHIRAN, MANIKAM  
TITLE OF INVENTION: METHODS OF EVALUATING TRANSPLANT  
TITLE OF INVENTION: METHODS OF EVALUATING TRANSPLANT  
NUMBER OF SEQUENCES: 32

CORRESPONDENCE ADDRESS:

ADDRESSER: HAMILTON, BROOK, SMITH & REYNOLDS

STREET: TWO MILLITIA DRIVE

CITY: LEXINGTON

STATE: MASSACHUSETTS

COUNTRY: UNITED STATES

ZIP: 02173

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/937,063

FILING DATE: 24-SEP-1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: GRANAHAN, PATRICIA

REGISTRATION NUMBER: 32,227

REFERENCE/DOCKET NUMBER: BIDMC97-01

TELECOMMUNICATION INFORMATION:

TELEPHONE: (781) 861-6240

TELEFAX: (781) 861-9540

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-937-063-11

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3439 GCCCTGAGCAGAGAA 3455  
Db 1 GCCGTGAGCAGGTGAA 17

RESULT 890

US-09-038-073-2687  
Sequence 2687, Application US/09038073  
Patent No. 6194150

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.

APPLICANT: Jarvis, Thale

APPLICANT: McSwigen, James

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESSER: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: Storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:



APPLICATION NUMBER: US/09/038,073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 488-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2687:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-038-073-2687

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 64.7%; Pred. No. 6.2e+02;  
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

OY 2642 TGCAGTCTGCTGCAG 2658  
DB 1 UGUGUCUCUCUCUCAG 17

RESULT 891  
US-09-280-270A-6/c  
Sequence 6, Application US/09280270A  
Patent No. 6306597  
GENERAL INFORMATION:  
APPLICANT: Macevitz, Stephen C.  
TITLE OF INVENTION: DNA Sequencing by Parallel  
Oligonucleotide Extensions  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dehlinger & Associates  
STREET: 350 Cambridge Avenue, Suite 250  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,270A  
FILING DATE: 29-Mar-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/424,663  
FILING DATE: 17-APR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Powers, Vincent M.  
REGISTRATION NUMBER: 36,246  
REFERENCE/DOCKET NUMBER: 5525-0015/peolus  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 324-0960  
TELEFAX: (650) 324-0960  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
US-09-280-270A-6

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 222 CATCTCCCTCACCCTC 238  
DB 17 CCTCTCCCTCCTCCCTC 1

RESULT 892  
US-09-280-270A-10  
Sequence 10, Application US/09280270A  
Patent No. 6306597  
GENERAL INFORMATION:  
APPLICANT: Macevitz, Stephen C.  
TITLE OF INVENTION: DNA Sequencing by Parallel  
Oligonucleotide Extensions  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dehlinger & Associates  
STREET: 350 Cambridge Avenue, Suite 250  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,270A  
FILING DATE: 29-Mar-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/424,663  
FILING DATE: 17-APR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Powers, Vincent M.  
REGISTRATION NUMBER: 36,246  
REFERENCE/DOCKET NUMBER: 5525-0015/peolus  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 324-0960  
TELEFAX: (650) 324-0960  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
US-09-280-270A-10

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 222 CATCTCCCTCACCCTC 238  
DB 2 CCTCTCCCTCCTCCCTC 18

RESULT 893  
US-08-584-040-8345  
Sequence 8345, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE

```

; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Comptable
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8345:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-8345
;
; Query Match 0.3%; Score 13.8; DB 1; Length 18;
; Best Local Similarity 64.7%; Pred. No. 6.2e+02;
; Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
;
QY 4802 TCAGCAGCTGAGATC 4818
;
; DB 2 UCAGCAGCUCAGGUC 18
;
RESULT 894
US-08-584-040-8376
; Sequence 8376, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
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; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Comptable
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8376:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-8376
;
; Query Match 0.3%; Score 13.8; DB 1; Length 18;
; Best Local Similarity 82.4%; Pred. No. 6.2e+02;
; Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
;
QY 3111 CAACGACCCCTGACCG 3127
;
; DB 2 CAACGACCCCTGACG 18
;
RESULT 895
US-09-723-535-41/C
; Sequence 41, Application US/09723535
; Patent No. 6355483
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowest
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-2 EXPRESSION
; FILE REFERENCE: RTS-0225
; CURRENT APPLICATION NUMBER: US/09/723,535
; CURRENT FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 41
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-723-535-41
;
; Query Match 0.3%; Score 13.8; DB 1; Length 18;
; Best Local Similarity 88.2%; Pred. No. 6.2e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
QY 1186 AGAGAGAGAGAAATC 1202
;
; DB 18 AGAGAGAGAGAAATC 2
;
RESULT 896
US-09-387-341-90/C
; Sequence 90, Application US/09387341
; Patent No. 6410323
; GENERAL INFORMATION:
```

APPLICANT: Roberts, M. Luisa  
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene  
TITLE OF INVENTION: Expression  
FILE REFERENCE: ISPH-0404  
CURRENT APPLICATION NUMBER: US/09/387,341  
CURRENT FILING DATE: 1999-08-31  
EARLIER APPLICATION NUMBER: 09/156,424  
EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/156,979  
EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/156,807  
EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/161,015  
EARLIER FILING DATE: 1998-09-25  
NUMBER OF SEQ ID NOS: 233  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 90  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-387-341-90

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1626 CTGCAGAGCTGCGCC 1642  
DB 18 CCGCAGAGCTGCGCC 2

RESULT 897  
US-09-387-341-170/C  
Sequence 170, Application US/09387341  
Patent No. 6410323  
GENERAL INFORMATION:  
APPLICANT: Roberts, M. Luisa  
APPLICANT: Cowert, Lex M.  
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene  
FILE REFERENCE: ISPH-0404  
CURRENT APPLICATION NUMBER: US/09/387,341  
CURRENT FILING DATE: 1999-08-31  
EARLIER APPLICATION NUMBER: 09/156,424  
EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/156,979  
EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/156,807  
EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/161,015  
EARLIER FILING DATE: 1998-09-25  
NUMBER OF SEQ ID NOS: 233  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 170  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-387-341-170

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1094 AGCCGAGCTGACACC 1110  
DB 17 AGCCGAGCTGACACC 1

RESULT 898  
US-09-000-286A-21/C  
Sequence 21, Application US/09000286A  
Patent No. 6449562  
GENERAL INFORMATION:  
APPLICANT: Lumindex Corporation  
APPLICANT: Chandler, Van S.  
APPLICANT: Fulton, Jerrold R.  
APPLICANT: Chandler, Mark B.  
TITLE OF INVENTION: Multiplexed Analysis of Clinical Specimens Apparatus and Method  
FILE REFERENCE: 112802.500  
CURRENT APPLICATION NUMBER: US/09/000,286A  
CURRENT FILING DATE: 1998-08-18  
PRIOR APPLICATION NUMBER: PCT/US96/16198  
PRIOR FILING DATE: 1996-10-10  
NUMBER OF SEQ ID NOS: 34  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 21  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-000-286A-21

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3703 TCTCTGCTCTCAAG 3719  
DB 18 TCTCTGCTCTCTCAAG 2

RESULT 899  
US-09-000-286A-22  
Sequence 22, Application US/09000286A  
Patent No. 6449562  
GENERAL INFORMATION:  
APPLICANT: Lumindex Corporation  
APPLICANT: Chandler, Van S.  
APPLICANT: Fulton, Jerrold R.  
APPLICANT: Chandler, Mark B.  
TITLE OF INVENTION: Multiplexed Analysis of Clinical Specimens Apparatus and Method  
FILE REFERENCE: 112802.500  
CURRENT APPLICATION NUMBER: US/09/000,286A  
CURRENT FILING DATE: 1998-08-18  
PRIOR APPLICATION NUMBER: PCT/US96/16198  
PRIOR FILING DATE: 1996-10-10  
NUMBER OF SEQ ID NOS: 34  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 22  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-000-286A-22

Query Match 0.3%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3703 TCTCTGCTCTCAAG 3719  
DB 1 TCTCTGCTCTCTCAAG 17

RESULT 900  
US-09-422-978-4081  
Sequence 4081, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density....

```
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4081
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-13215 for SEQ 147,
US-09-422-978-4081
```

```
Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      919 GAGAGAGGCTTTTGAG 935
Db      1 GAGAGATGTTTGTGAG 17
```

```
RESULT 901
US-09-422-978-5068/c
Sequence 5068, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5068
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-2063 for SEQ 1134,
US-09-422-978-5068
```

```
Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1175 AAATCAGAGAAAGAG 1191
Db      17 AAATGAGAGAGAGAG 1
```

```
RESULT 902
US-09-422-978-6365
Sequence 6365, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
```

```
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6365
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-10974 for SEQ 2431,
US-09-422-978-6365
```

```
Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      3523 GGAGAGATGATATAG 3539
Db      2 GGGAGATGAGATAG 18
```

```
RESULT 903
US-09-422-978-11314/c
Sequence 11314, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11314
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-4193 for SEQ 3449, in complemer
US-09-422-978-11314
```

```
Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      806 CATTCCCTACAGCCCA 822
Db      18 CATTCTCTTACGCCCA 2
```

```
RESULT 904
US-09-422-978-11394
Sequence 11394, Application US/09422978
```

```
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11394
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-5059 for SEQ 3529, in compleme
US-09-422-978-11394

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 3475 AGCAGACGAGAACCAAG 3491
Db 2 AGCAGACGAGAACCAAG 18

RESULT 905
US-09-371-772B-4001
Sequence 4001, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4001
LENGTH: 18
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-4001

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Cy 4802 TCAGACGCTGAAGTATC 4818
Db 2 UCAGAGCTCAGAGGUC 18

RESULT 906
US-09-371-772B-4032
```

```
Sequence 4032, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4032
LENGTH: 18
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-4032

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Cy 3111 CAACGAGACCCCTGACCG 3127
Db 2 CAACGAGACCCCTGACG 18

RESULT 907
US-09-679-298A-30/C
Sequence 30, Application US/09679298A
Patent No. 6566131
GENERAL INFORMATION:
APPLICANT: Brett P. Monla
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD6 EXPRESSION
FILE REFERENCE: RTS-0045
CURRENT APPLICATION NUMBER: US/09/679,298A
CURRENT FILING DATE: 2001-03-05
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 30
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-298A-30

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 2643 GCAGCTGCTGCTGCAGC 2659
Db 17 GCTGCTGCTGCTGAGC 1

RESULT 908
US-09-738-444A-24
Sequence 24, Application US/09738444A
Patent No. 6660475
GENERAL INFORMATION:
APPLICANT: Jack, William E.
APPLICANT: Schildkraut, Ira
APPLICANT: Menin, Julie F.
APPLICANT: Greenough, Lucia
TITLE OF INVENTION: Use of Site-Specific Nicking Endonucleases to Create
```

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; TITLE OF INVENTION: Single-Stranded Regions And Applications Thereof
; FILE REFERENCE: NEB-180
; CURRENT APPLICATION NUMBER: US/09/738,444A
; CURRENT FILING DATE: 2000-12-15
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Theoretical
; US-09-738-444A-24

Query Match
Best Local Similarity 88.2%; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2962 GACCTAAGTGAACCTC 2978
Db 2 GACCTAAGCGATATCTC 18

RESULT 909
US-09-032-438C-97/C
; Sequence 97, Application US/09032438C
; Patent No. 6713300
; GENERAL INFORMATION:
; APPLICANT: Rattner, Amir
; APPLICANT: Sun, Hui
; APPLICANT: Lupski, James R.
; APPLICANT: Mathans, Jeremy
; APPLICANT: Anderson, Kent L.
; APPLICANT: Leppert, Mark
; APPLICANT: Dean, Michael
; APPLICANT: Singh, Nanda
; APPLICANT: Shroyer, No. 6713300h F.
; APPLICANT: Smallwood, Philip M.
; APPLICANT: Allikmets, Rande
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette
; TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify
; FILE REFERENCE: BYLR-0065
; CURRENT APPLICATION NUMBER: US/09/032,438C
; CURRENT FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: US 60/039,388
; PRIOR FILING DATE: 1997-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 97
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
; US-09-032-438C-97

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3686 AACCTTGTGCGGCT 3702
Db 17 AGCTTGTGCTGCTCCT 1

RESULT 910
US-09-529-239D-45
; Sequence 45, Application US/09529239D
; Patent No. 6734019
```

```

; GENERAL INFORMATION:
; APPLICANT: Douthiaux, Marie-Pascale
; APPLICANT: Betzner, Andreas
; APPLICANT: Freysinet, Georges
; APPLICANT: Perez, Pascal
; TITLE OF INVENTION: METHOD FOR OBTAINING PLANT VARIETIES
; FILE REFERENCE: A33153-PCT-USA 072667.0128
; CURRENT APPLICATION NUMBER: US/09/529,239D
; CURRENT FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: PCT/EP98/06977
; PRIOR FILING DATE: 1998-10-09
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: PatSeq for Windows Version 4.0
; SEQ ID NO 45
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reverse primer for PCR amplification of NGA63 SLP
; US-09-529-239D-45

Query Match
Best Local Similarity 88.2%; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 819 CCCAAGTGAACCCACC 835
Db 2 CCCAAGTATCGGCACC 18

RESULT 911
US-09-865-879-44/C
; Sequence 44, Application US/09865879
; Patent No. 6767705
; GENERAL INFORMATION:
; APPLICANT: Robinson, Igor
; APPLICANT: Dokmanovic, Milos
; APPLICANT: Chang, Bey-Dih
; TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION OF
; TITLE OF INVENTION: REGULATED BY RETINOIDS
; FILE REFERENCE: 99,216-H
; CURRENT APPLICATION NUMBER: US/09/865,879
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/207,535
; PRIOR FILING DATE: 2000-05-26
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Antisense primer for beta-IG-H3 reporter gene construction
; US-09-865-879-44

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3822 TCACCTCCCTGTAGCTG 3838
Db 17 TCACCTCCCTGTAGCGG 1

RESULT 912
US-09-544-398B-422
; Sequence 422, Application US/09544398B
; Patent No. 6770461
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
```

```

; APPLICANT: Recker, Robert R.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: PatsSeq for Windows Version 4.0
; SEQ ID NO 422
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-544-398B-422

Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2888 GGGTCCAGTCACAGAT 2304
DB      2   GAGGCCAGTCACAGAT 18

RESULT 913
US-09-142-108C-27/c
; Sequence 27, Application US/09142108C
; Patent No. 6774285
; GENERAL INFORMATION:
; APPLICANT: Brugliera, Filippo
; APPLICANT: Holton, Timothy A.
; APPLICANT: Michael, Michael Z.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
; FILE REFERENCE: 11658
; CURRENT APPLICATION NUMBER: US/09/142,108C
; CURRENT FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: P8366
; PRIOR FILING DATE: 1996-03-01
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
; US-09-142-108C-27

Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5392 TAAAAAATACAAAAA 5408
DB      18 TAAAAAATACAAAAA 2

RESULT 914
PCT-US91-03680-73/c
; Sequence 73, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matcucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSS-LINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
```

```

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 5
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 18
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
; PCT-US91-03680-73

Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5397 AATACAAAAAGAAAA 5413
DB      17 AAAAAAAGAAAAA 1

RESULT 915
US-08-255-892-63/c
; Sequence 63, Application US/08255892
; Patent No. 5695926
; GENERAL INFORMATION:
; APPLICANT: CROS, PHILIPPE
; APPLICANT: ALLIBERT, PATRICK
; APPLICANT: MALLET, FRANCOIS
; APPLICANT: MARIAT, CLAUDE
; APPLICANT: MANDRAND, BERNARD
; TITLE OF INVENTION: PROCEDURE FOR DETECTION OF A NUCLEOTIDE
; TITLE OF INVENTION: SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION
; TITLE OF INVENTION: TECHNIQUE
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CUSHMAN, DARBY & CUSHMAN
; STREET: 1100 NEW YORK AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
```

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/255,892  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/834,543  
FILING DATE: 11-FEB-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: DEEVER, DONALD B.  
REGISTRATION NUMBER: 23,048  
REFERENCE/DOCKET NUMBER: 1032/94109  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-861-3000  
TELEFAX: 202-882-0944  
TELEX: 6714627 CUSH  
INFORMATION FOR SEQ ID NO: 63:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-255-892-63

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2517 GTTGGGGCATCAACCA 2533  
Db 19 GTCTGGGGCATCAACCA 3

RESULT 916  
US-08-379-680-7  
Sequence 7, Application US/08379680  
Patent No. 5702890  
GENERAL INFORMATION:  
APPLICANT: Housman, David E.  
TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES  
TITLE OF INVENTION: OF GENES AS A BASIC FOR CANCER  
TITLE OF INVENTION: THERAPEUTIC AGENTS  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/379,680  
FILING DATE: Apr 14, 1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/08473  
FILING DATE: July 26, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 223/112  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-379-680-7

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1029 AACCCAGAGTCACCCA 1045  
Db 2 AACCCAGAGTCACCCA 18

RESULT 917  
US-08-796-883-7  
Sequence 7, Application US/08796883  
Patent No. 5744353  
GENERAL INFORMATION:  
APPLICANT: Herman, Jean; Coulie, Pierre;  
APPLICANT: Boon-Falleur, Thierry; van der Bruggen, Pierre;  
APPLICANT: Luescher, Immanuel.  
TITLE OF INVENTION: Tumor Rejection Antigens Presented By  
TITLE OF INVENTION: HLA-B\*4 Molecules, And Uses Thereof  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Felle & Lynch  
STREET: 805 Third Avenue  
CITY: New York City  
STATE: New York  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage  
COMPUTER: IBM  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/796,883  
FILING DATE: 06-FEB-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/602,506  
FILING DATE: 20-FEBRUARY-1996  
APPLICATION NUMBER: 08/531,864  
FILING DATE: 21-SEPTEMBER-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,636  
FILING DATE: 17-JANUARY-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/253,503  
FILING DATE: 3-JUNE-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Hanson, No. 5744353man D.  
REGISTRATION NUMBER: 30,946  
REFERENCE/DOCKET NUMBER: LUD 5436  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 688-9200  
TELEFAX: (212) 838-3884  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
FEATURE: PCR primer



US-08-796-883-7

Query Match 0.3%; Score 13.8; DB 1; Length 19;

Best Local Similarity 88.2%; Pred. No. 6.5e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4691 AGTCCTGGACCGGAG 4707

Db 3 AGTATTGGACCGGAG 19

RESULT 918

US-08-832-883-25

Sequence 25, Application US/08832883

Patent No. 5807681

GENERAL INFORMATION:

APPLICANT: Giordano, Antonio

APPLICANT: Baldi, Alphonso

TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS AND PROGNOSIS

TITLE OF INVENTION: OF CANCER

NUMBER OF SEQUENCES: 115

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEIDEL, GONDA, LAVORGNA &amp; MONACO, P.C.

STREET: Suite 1800 Two Penn Center Plaza

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19102

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/832,883

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Monaco, Daniel A

REGISTRATION NUMBER: 30,480

REFERENCE/DOCKET NUMBER: 8321-13 US1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-8383

TELEFAX: (215) 568-5549

INFORMATION FOR SEQ ID NO: 25:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-832-883-25

Query Match 0.3%; Score 13.8; DB 1; Length 19;

Best Local Similarity 88.2%; Pred. No. 6.5e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1988 ATTCTACAGATTTC 2004

Db 1 ATTCTACAGAAATTGC 17

RESULT 919

US-08-832-877-25

Sequence 25, Application US/08832877

Patent No. 5840506

GENERAL INFORMATION:

APPLICANT: Giordano, Antonio

TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS AND PROGNOSIS OF

TITLE OF INVENTION: CANCER

NUMBER OF SEQUENCES: 116

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEIDEL, GONDA, LAVORGNA &amp; MONACO, P.C.

STREET: Suite 1800 Two Penn Center Plaza

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19102

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/832,877

FILING DATE:

CLASSIFICATION: 436

ATTORNEY/AGENT INFORMATION:

NAME: Monaco, Daniel A

REGISTRATION NUMBER: 30,480

REFERENCE/DOCKET NUMBER: 8321-13 US2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-8383

TELEFAX: (215) 568-5549

INFORMATION FOR SEQ ID NO: 25:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-832-877-25

Query Match 0.3%; Score 13.8; DB 1; Length 19;

Best Local Similarity 88.2%; Pred. No. 6.5e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1988 ATTCTACAGATTTC 2004

Db 1 ATTCTACAGAAATTGC 17

RESULT 920

US-08-525-864A-16/c

Sequence 16, Application US/08525864A

Patent No. 5912326

GENERAL INFORMATION:

APPLICANT: Chang, Han

TITLE OF INVENTION: Cerebellum-derived Growth Factors, and Uses

TITLE OF INVENTION: Related thereto

NUMBER OF SEQUENCES: 18

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE &amp; COCKFIELD

STREET: 28 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Ascii (text)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/525,864A

FILING DATE: 8-SEP-1995

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: Kara, Catherine J.

REGISTRATION NUMBER: 41,106

REFERENCE/DOCKET NUMBER: HUI-017

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617)227-7400

TELEFAX: (617)742-4214

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: oligonucleotide  
US-08-525-864A-16

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4699 GACCGAGTGCAGAG 4715  
DB 18 GCCCGAGATGCATGA 2

RESULT 921  
US-08-531-864-7

Sequence 7, Application US/08531864  
Patent No. 5977300  
GENERAL INFORMATION:  
APPLICANT: Coulie, Pierre; Boon-Falleur, Thierry  
TITLE OF INVENTION: Isolated No. 5977300a- and Decapeptides Which  
TITLE OF INVENTION: Bind to HLA-B44 Molecules And The Use Thereof  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Felte & Lynch  
STREET: 805 Third Avenue  
CITY: New York City  
STATE: New York  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage  
COMPUTER: IBM  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/531,864  
FILING DATE: 21-September-1995  
CLASSIFICATION: 436  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,636  
FILING DATE: 17-JANUARY-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/253,503  
FILING DATE: 3-JUNE-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Hanson, No. 5977300man D.  
REGISTRATION NUMBER: 30,946  
REFERENCE/DOCKET NUMBER: LUD 5378.3  
TELEPHONE: (212) 688-9200  
TELEFAX: (212) 838-3884  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
FEATURE:  
NAME/KEY: PCR primer  
US-08-531-864-7

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4691 AGTCTGGAGCCGAG 4707  
DB 3 AGTATTGGAGCCGAG 19

RESULT 922

US-08-373-636C-7  
Sequence 7, Application US/08373636C  
Patent No. 5997870

GENERAL INFORMATION:  
APPLICANT: Coulie, Pierre; Boon-Falleur, Thierry  
TITLE OF INVENTION: Isolated Nucleic Acid Molecules Which Codes  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Felte & Lynch  
STREET: 805 Third Avenue  
CITY: New York City  
STATE: New York  
ZIP: 10022

For A

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage

COMPUTER: IBM

OPERATING SYSTEM: PC-DOS

SOFTWARE: Wordperfect

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373,636C

FILING DATE: 17-JANUARY-1995

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/253,503

FILING DATE: 3-JUNE-1994

ATTORNEY/AGENT INFORMATION:

NAME: Hanson, No. 5997870man D.

REGISTRATION NUMBER: 30,946

REFERENCE/DOCKET NUMBER: LUD 5378.2

TELEPHONE: (212) 688-9200

TELEFAX: (212) 838-3884

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: nucleic acid

FEATURE:

NAME/KEY: PCR primer

US-08-373-636C-7

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4691 AGTCTGGAGCCGAG 4707  
DB 3 AGTATTGGAGCCGAG 19

RESULT 923

US-08-858-876A-11

Sequence 11, Application US/08858876A

Patent No. 6022856

GENERAL INFORMATION:

APPLICANT: Daniel CAPUT

APPLICANT: Pascal PERRARA

APPLICANT: Vito NATALIO

TITLE OF INVENTION: Type 2 Neurotensin Receptor

TITLE OF INVENTION: (hnt-R2)

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Jacobson, Price, Holman & Stern, PLLC

STREET: 400 Seventh Street

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/858, 876A  
FILING DATE: 19-SEP-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/FR 9723204  
FILING DATE: 17-MAR-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,049  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-858-876A-11

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 32 TGGAGCCAGCAGCCCG 48  
DB 2 TGGAMCCAGCAGCCCG 18

RESULT 924  
US-08-967-454-7  
Sequence 7, Application US/08967454  
Patent No. 6054273  
GENERAL INFORMATION:  
APPLICANT: Hausman, David E.  
TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES  
TITLE OF INVENTION: OF GENES AS A BASIC FOR CANCER  
TITLE OF INVENTION: THERAPEUTIC AGENTS  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/967,454  
FILING DATE: No. 6054273ember 11, 1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/379, 680  
FILING DATE: April 4, 1995  
CLASSIFICATION: 435  
APPLICATION NUMBER: PCT/US94/08473  
FILING DATE: July 26, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/239  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-967-454-7

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 1029 AAGCCAGAGTCAACCA 1045  
DB 2 AAGCCATGATCAACCA 18

RESULT 925  
US-08-602-506A-7  
Sequence 7, Application US/08602506A  
Patent No. 6060257  
GENERAL INFORMATION:  
APPLICANT: Herman, Jean, Coulle, Pierre;  
APPLICANT: Boon-Falleur, Thierry; van der Bruggen, Pierre;  
APPLICANT: Luescher, Immanuel.  
TITLE OF INVENTION: Tumor Rejection Antigens Presented By HLA-  
TITLE OF INVENTION: B44 Molecules, And Uses Thereof  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Felte & Lynch  
STREET: 805 Third Avenue  
CITY: New York City  
STATE: New York  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage  
COMPUTER: IBM  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/602,506A  
FILING DATE: 20-FEBRUARY-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/531, 864  
FILING DATE: 21-SEPTEMBER-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373, 636  
FILING DATE: 17-JANUARY-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/253, 503  
FILING DATE: 3-JUNE-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Hanson, No. 6060257man D.  
REGISTRATION NUMBER: 30,946  
REFERENCE/DOCKET NUMBER: LUD 5436  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 686-9200  
TELEFAX: (212) 638-3884  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
FEATURE:  
NAME/KEY: PCR primer  
US-08-602-506A-7

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;



MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-946-732-1

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4805 GCAGCTGATGATCAAC 4821  
DB 17 GCAGTGTATGATCAAC 1

RESULT 929  
US-08-974-549A-449/C  
Sequence 449, Application US/08974549A  
Patent No. 6166178  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morin, Gregg B.  
APPLICANT: Harley, Calvin B.  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: Human Telomerase Catalytic Subunit  
NUMBER OF SEQUENCES: 727  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/974,549A  
FILING DATE: 19-NOV-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/911,312  
FILING DATE: 14-AUG-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/912,951  
FILING DATE: 14-AUG-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/915,503  
FILING DATE: 14-AUG-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/17618  
FILING DATE: 01-OCT-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/17885

FILING DATE: 01-OCT-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph Ted  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-00261005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 449:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: -  
LOCATION: 1..19  
OTHER INFORMATION: /note="TCP1.78 primer"  
US-08-974-549A-449

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4683 CTTGAGCCGAGCTGGG 4699  
DB 17 CTTGAGCCTGCTCTGGG 1

RESULT 930  
US-09-266-294-7  
Sequence 7, Application US/09266294  
Patent No. 6171806  
GENERAL INFORMATION:  
APPLICANT: Coulie, Pierre; Boon-Falleur, Thierry  
TITLE OF INVENTION: Isolated No. 6171806a- and Decapeptides Which  
Bind to HLA-B\*44 Molecules And the Use Thereof  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Felle & Lynch  
STREET: 805 Third Avenue  
CITY: New York City  
STATE: New York  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage  
COMPUTER: IBM  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/266,294  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/531,864  
FILING DATE: 21-September-1995  
APPLICATION NUMBER: 08/373,636  
FILING DATE: 17-JANUARY-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/253,503  
FILING DATE: 3-JUNE-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Hanson, No. 6171806man D.  
REGISTRATION NUMBER: 30,946  
REFERENCE/DOCKET NUMBER: LUD 5378.3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 688-9200  
TELEFAX: (212) 838-3884  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
FEATURE:  
NAME/KEY: PCR primer  
US-09-266-294-7

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4691 AGTCTGTGGACCGGAG 4707  
DB 3 AGTATTGGACCGGAG 19

RESULT 931  
US-09-092-077-17/c  
Sequence 17, Application US/09092077

PATENT No. 6194142  
GENERAL INFORMATION:  
APPLICANT: Moncanay, Maurice  
APPLICANT: Montanier, Luc  
TITLE OF INVENTION: Nucleotide Sequences Derived From The  
TITLE OF INVENTION: Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,  
TITLE OF INVENTION: And Their Uses In Particular For The Amplification Of The  
TITLE OF INVENTION: Genomes Of These Retroviruses And For The In Vitro Diagnosis  
TITLE OF INVENTION: Of The Diseases Due To Those Viruses  
NUMBER OF SEQUENCES: 68  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
ADDRESSEE: Dunner  
STREET: 1300 I Street, N.W., Suite 700  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005-3315

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/092.077  
FILING DATE:

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/472.928  
FILING DATE: 07-JUN-1995

APPLICATION NUMBER: US 08/160,465  
FILING DATE: 02-DEC-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 8912371  
FILING DATE: 20-SEP-1989

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 8907354  
FILING DATE: 06-FEB-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Meyers, Kenneth J.  
REGISTRATION NUMBER: 25,146  
REFERENCE/DOCKET NUMBER: 02356.0062-02000

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)408-4400  
TELEFAX: (202)408-4400  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)  
US-09-092-077-17

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1523 GGGCTGTGGAAATGGG 1539  
DB 18 GGGCTGTGGAAATGG 2

RESULT 932  
US-09-179-281-7  
Sequence 7, Application US/09179281

PATENT No. 6245333  
GENERAL INFORMATION:  
APPLICANT: Coulie, Pierre; Boon-Falleur, Thierry  
TITLE OF INVENTION: Isolated Nucleic Acid Molecules Which Codes  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Felle & Lynch  
STREET: 805 Third Avenue  
CITY: New York City  
STATE: New York  
ZIP: 10022

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage  
COMPUTER: IBM  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/179,281  
FILING DATE:

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,636  
FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: Hanson, No. 6245333man D.  
REGISTRATION NUMBER: 30,946  
REFERENCE/DOCKET NUMBER: LUD 5378.2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 688-9200  
TELEFAX: (212) 838-3884

INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: nucleic acid  
FEATURE:  
NAME/KEY: PCR primer  
US-09-179-281-7

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4691 AGTCTGTGGACCGGAG 4707  
DB 3 AGTATTGGACCGGAG 19

RESULT 933  
US-09-215-221-45  
Sequence 45, Application US/09215221

PATENT No. 6265562  
GENERAL INFORMATION:  
APPLICANT: BILERS, MARTIN  
APPLICANT: BUERGIN, ANDREA  
APPLICANT: SEDLACK, HANS-HARALD  
TITLE OF INVENTION: NUCLEIC ACID CONSTRUCTS WHOSE ACTIVITY IS AFFECTED BY  
TITLE OF INVENTION: INHIBITORS OF CYCLIN-DEPENDANT KINASES AND USES THEREOF  
FILE REFERENCE: 026083/0192

1 CURRENT APPLICATION NUMBER: US/09/215,221  
2 CURRENT FILING DATE: 1998-12-18  
3 PRIOR APPLICATION NUMBER: 197 56 975.7  
4 PRIOR FILING DATE: 1997-12-20  
5 NUMBER OF SEQ ID NOS: 57  
6 SOFTWARE: Patent Ver. 2.1  
7 SEQ ID NO: 45  
8 LENGTH: 19  
9 TYPE: DNA  
10 ORGANISM: Artificial Sequence  
11 FEATURES:  
12 OTHER INFORMATION: Description of Artificial Sequence: Primer  
13 US-09-215-221-45

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1739 TCTTCATCTCGATGCT 1755  
DB 2 TCTTCATCTCGCTGCT 18

RESULT 934  
US-09-489-869-4/c  
Sequence 4, Application US/09489869A  
Patent No. 6268151  
GENERAL INFORMATION:  
APPLICANT: Susan Murray  
APPLICANT: Lex M. Cowser  
APPLICANT: Jacqueline Myatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR  
FILE REFERENCE: PFS-0110  
CURRENT APPLICATION NUMBER: US/09/489,869A  
CURRENT FILING DATE: 2000-01-20  
NUMBER OF SEQ ID NOS: 88  
SEQ ID NO: 4  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: PCR Primer  
US-09-489-869-4

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3116 AGACCTGACCGAGCTG 3132  
DB 17 AGACCTGTCTCCGAGCTG 1

RESULT 935  
US-09-472-880-11  
Sequence 11, Application US/09472880  
Patent No. 6274333  
GENERAL INFORMATION:  
APPLICANT: Daniel CAPUT  
APPLICANT: Pascale CHALON  
APPLICANT: Pascual FERRARA  
APPLICANT: VITA NATALIO  
TITLE OF INVENTION: Type 2 Neurotensin Receptor  
(hnt-r2)  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Jacobson, Price, Holman & Stern, PLLC  
STREET: 400 Seventh Street  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25 (BPO)

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/472,880  
FILING DATE: 28-Dec-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/FR 9723204  
FILING DATE: 17-MAR-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,049  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-09-472-880-11

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 32 TGGAGCCGACGACCCG 48  
DB 2 TGGAAACGACGACCCG 18

RESULT 936  
US-09-397-915-1/c  
Sequence 1, Application US/09397915  
Patent No. 6280949  
GENERAL INFORMATION:  
APPLICANT: Lizardi, Paul M.  
TITLE OF INVENTION: Multiple Displacement Amplification  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Patrea L. Pabst  
STREET: 2800 One Atlantic Center  
STREET: 1201 West Peachtree Street  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30306-3450  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/397,915  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/946,732  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Pabst, Patrea L.  
REGISTRATION NUMBER: 31,284  
REFERENCE/DOCKET NUMBER: Y0119  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (404) 873-8794  
TELEFAX: (404) 873-8795  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-397-915-1

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4805 GCAGCTGAGTATCAAC 4821  
DB 17 GCAGTGTATCTATCAAC 1

RESULT 937  
US-09-144-367-53/c  
Sequence 53, Application US/09144367  
Patent No. 6432639  
GENERAL INFORMATION:  
APPLICANT: Lichter, Jay  
APPLICANT: Guido, Marco  
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4  
FILE REFERENCE: SEQ-12P  
CURRENT APPLICATION NUMBER: US/09/144,367  
CURRENT FILING DATE: 1998-08-31  
PRIOR APPLICATION NUMBER: 60/058,612  
PRIOR FILING DATE: 1997-09-10  
NUMBER OF SEQ ID NOS: 58  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 53  
LENGTH: 19  
TYPE: DNA  
ORGANISM: H. sapiens  
US-09-144-367-53

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1185 AAGAGAGAGAGAAAT 1201  
DB 17 AAGAGAGAAAGATTAAT 1

RESULT 938  
US-09-018-125-3  
Sequence 3, Application US/09018125A  
Patent No. 6468983  
GENERAL INFORMATION:  
APPLICANT: Silverman, Robert H.  
APPLICANT: Kondo, Seiji  
APPLICANT: Cowell, John K.  
APPLICANT: Li, Guiying  
APPLICANT: Torrence, Paul F.  
TITLE OF INVENTION: RNASE L ACTIVATORS AND ANTISENSE OLIGONUCLEOTIDES  
FILE REFERENCE: 8656-022  
CURRENT APPLICATION NUMBER: US/09/018,125A  
CURRENT FILING DATE: 1999-02-03  
EARLIER APPLICATION NUMBER: 60/044,507  
EARLIER FILING DATE: 1997-04-21  
NUMBER OF SEQ ID NOS: 9  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 3  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:  
OTHER INFORMATION: oligonucleotide  
US-09-018-125-3

Query Match 0.3%; Score 13.8; DB 1; Length 19;

Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 863 CCGAGTGTATGATGCC 879  
DB 3 CCGCGGTCTATGCTC 19

RESULT 939  
US-08-912-951-216/c  
Sequence 216, Application US/08912951  
Patent No. 6475789  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morin, Gregg B.  
APPLICANT: Hatley, Calvin  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND  
NUMBER OF SEQUENCES: 335  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/912,951  
FILING DATE: 14-AUG-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002600US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 216:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA



US-08-912-951-216

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4683 CTTGAGCAGCTCTGGG 4699  
Db 17 CTTGAGCAGCTCTGGG 1

RESULT 940

US-09-422-978-4994  
Sequence 4994, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSER 020C01  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 4994  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..19  
OTHER INFORMATION: upstream amplification primer 99-2007 for SEQ 1060,  
US-09-422-978-4994

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1184 AAAGAGAGAGAGAAA 1200  
Db 2 AAAGAGAGAGAGAAA 18

RESULT 941

US-09-755-665-74  
Sequence 74, Application US/09755665  
Patent No. 6600019  
GENERAL INFORMATION:  
APPLICANT: Prayaga, Sudhirdas K.  
APPLICANT: Majumder, Kumud  
APPLICANT: Tallion, Bruce E.  
APPLICANT: Spaderna, Steven K.  
APPLICANT: Spytek, Kimberly A.  
APPLICANT: MacDougall, John  
TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME  
FILE REFERENCE: 15966-631  
CURRENT APPLICATION NUMBER: US/09/755,665  
CURRENT FILING DATE: 2001-08-14  
PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724  
PRIOR FILING DATE: 2000-01-06  
NUMBER OF SEQ ID NOS: 118  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 74  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER

US-09-755-665-74

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2950 CTGAGAGAGCTGAGACT 2966  
Db 2 CTGAGAGAGCTGAGACT 18

RESULT 942

US-09-402-181B-449/c  
Sequence 449, Application US/09402181B  
Patent No. 6610839  
GENERAL INFORMATION:  
APPLICANT: Cecn, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin B.  
Andrews, William H.  
TITLE OF INVENTION: Human Telomerase Catalytic Subunit  
NUMBER OF SEQUENCES: 633  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/402,181B  
FILING DATE: 29-Sep-1997  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/911,312  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: US 08/912,951  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: US 08/915,503  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: WO PCT/US97/17885  
FILING DATE: 01-OCT-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Augenhut, Scott L.  
REGISTRATION NUMBER: 42,271  
REFERENCE/DOCKET NUMBER: 015389-00262005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 449:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: -  
LOCATION: 1..19  
OTHER INFORMATION: /note= "TCPI.78 primer"  
SEQUENCE DESCRIPTION: SEQ ID NO: 449  
US-09-402-181B-449

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4683 CTTGAGCCAGTCTCTGGG 4699  
| | | | | | | | | | | | | | | | | | | | | |  
Db 17 CGTGAGCCTGTCTCTGGG 1

RESULT 943  
US-09-721-456-449/C  
Sequence 449, Application US/09721456  
Patent No. 6617110  
GENERAL INFORMATION:  
APPLICANT: Cecch, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin B.  
Andrews, William H.  
TITLE OF INVENTION: Human Telomerase Catalytic Subunit  
NUMBER OF SEQUENCES: 727  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/721,456  
FILING DATE: 22-Jul-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/974,549A  
FILING DATE: 19-Nov-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-Oct-1996  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-Apr-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-Apr-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-May-1997  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-May-1997  
APPLICATION NUMBER: US 08/911,312  
FILING DATE: 14-Aug-1997  
APPLICATION NUMBER: US 08/912,951  
FILING DATE: 14-Aug-1997  
APPLICATION NUMBER: US 08/915,503  
FILING DATE: 14-Aug-1997  
APPLICATION NUMBER: WO PCT/US97/17618  
FILING DATE: 01-Oct-1997  
APPLICATION NUMBER: WO PCT/US97/17885  
FILING DATE: 01-Oct-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph Ted

REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002610US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 449:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: -  
LOCATION: 1..19  
OTHER INFORMATION: /note= "TCPI.78 primer"  
SEQUENCE DESCRIPTION: SEQ ID NO: 449:  
US-09-721-456-449

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4683 CTTGAGCCAGTCTCTGGG 4699  
| | | | | | | | | | | | | | | | | | | | | |  
Db 17 CGTGAGCCTGTCTCTGGG 1

RESULT 944  
US-09-911-226-1/C  
Sequence 1, Application US/09911226  
Patent No. 6642034  
GENERAL INFORMATION:  
APPLICANT: Lizardi, Paul M.  
TITLE OF INVENTION: Multiple Displacement Amplification  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Patrea L. Pabst  
STREET: 2800 One Atlantic Center  
1201 West Peachtree Street  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30306-3450  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/911,226  
FILING DATE: 23-Jul-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/397,915  
FILING DATE: <Unknown>  
APPLICATION NUMBER: 08/946,732  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Pabst, Patrea L.  
REGISTRATION NUMBER: 31,284  
REFERENCE/DOCKET NUMBER: YU119  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (404) 873-8794  
TELEFAX: (404) 873-8795  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO

ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
US-09-911-226-1

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4805 GCAGCTGAGTATCAAC 4821  
DB 17 GCAGTATATATCAAC 1

RESULT 945  
US-09-155-885A-64/C  
Sequence 64, Application US/09155885A  
Patent No. 6709812  
GENERAL INFORMATION:  
APPLICANT: STUYVER, LIEVEN  
ROSSAU, RUDI  
MARRENS, GERT  
TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV  
NUMBER OF SEQUENCES: 313  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: NIXON & VANDERHAYE P.C.  
STREET: 1100 NORTH GLEBE ROAD  
CITY: ARLINGTON  
STATE: VIRGINIA  
COUNTRY: U.S.A.  
ZIP: 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/155,885A  
FILING DATE: 08-Oct-1998  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/EP97/02002  
FILING DATE: 21-APR-1997  
APPLICATION NUMBER: EP 96870053.4  
FILING DATE: 19-APR-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: SADOFF, B.U.  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 2551-5  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 816-4000  
TELEFAX: (703) 816-4100  
INFORMATION FOR SEQ ID NO: 64:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 64:  
US-09-155-885A-64

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1522 GGGGCTGTGGAATTGG 1538  
DB 18 GGGACTGCTGGAATTGG 2

RESULT 946

US-09-696-791-92/C  
Sequence 92, Application US/09696791  
Patent No. 6770633  
GENERAL INFORMATION:  
APPLICANT: Robbins, Joan M.  
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
FILE REFERENCE: 480124.407  
CURRENT APPLICATION NUMBER: US/09/696,791  
CURRENT FILING DATE: 2000-10-25  
NUMBER OF SEQ ID NOS: 4523  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 92  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Cdk1 ribozyme binding site  
US-09-696-791-92

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4610 TGCTGAGCCAGAGCAG 4626  
DB 19 TGCTGAGCCAAAGCAG 3

RESULT 947  
US-09-696-791-744/C  
Sequence 744, Application US/09696791  
Patent No. 6770633  
GENERAL INFORMATION:  
APPLICANT: Robbins, Joan M.  
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
FILE REFERENCE: 480124.407  
CURRENT APPLICATION NUMBER: US/09/696,791  
CURRENT FILING DATE: 2000-10-25  
NUMBER OF SEQ ID NOS: 4523  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 744  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Cdk7 ribozyme binding site  
US-09-696-791-744

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2450 GAGGTAAACATTCAT 2466  
DB 18 GATGTAAATATTCAT 2

RESULT 948  
US-09-696-791-797/C  
Sequence 797, Application US/09696791  
Patent No. 6770633  
GENERAL INFORMATION:  
APPLICANT: Robbins, Joan M.  
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
FILE REFERENCE: 480124.407  
CURRENT APPLICATION NUMBER: US/09/696,791  
CURRENT FILING DATE: 2000-10-25

```

; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 797
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk7 ribozyme binding site
US-09-696-791-797

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2259 CTGGCAAAAAGAGACC 2275
Db 18 CTGGCAAAAAGAGACC 2

RESULT 949
US-09-696-791-798/c
; Sequence 798, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 798
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk7 ribozyme binding site
US-09-696-791-798

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2259 CTGGCAAAAAGAGACC 2275
Db 17 CTGGCAAAAAGAGACC 1

RESULT 950
US-09-696-791-2496
; Sequence 2496, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2496
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin F ribozyme binding site
US-09-696-791-2496

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 19;
; Sequence 3394, Application US/09696791
```

```

Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4103 TGGAGAGCCAGCCAG 4119
Db 1 TGGAGAAATCAGCCAG 17

RESULT 951
US-09-696-791-2573
; Sequence 2573, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2573
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin G1 ribozyme binding site
US-09-696-791-2573

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 342 CCTACCACTCCCTCT 358
Db 1 CCTACAGTCCCTCT 17

RESULT 952
US-09-696-791-3393/c
; Sequence 3393, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3393
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-696-791-3393

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4703 GGAAGTCAAGATGA 4719
Db 19 GGAAGTCAAGATGA 3

RESULT 953
US-09-696-791-3394/c
; Sequence 3394, Application US/09696791
```

Patent No. 6770633  
GENERAL INFORMATION:  
APPLICANT: Robbins, Joan M.  
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
FILE REFERENCE: 480124.407  
CURRENT APPLICATION NUMBER: US/09/696,791  
CURRENT FILING DATE: 2000-10-25  
NUMBER OF SEQ ID NOS: 4523  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 3394  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURES:  
OTHER INFORMATION: Cyclin B1 ribozyme binding site  
US-09-696-791-3394

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4703 GGAAGTGCAGAGATGCA 4719  
DB 18 GGAAGTGCAGAGATGCA 2

RESULT 954  
US-09-696-791-3750/c  
Sequence 3750, Application US/09696791  
Patent No. 6770633  
GENERAL INFORMATION:  
APPLICANT: Robbins, Joan M.  
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
FILE REFERENCE: 480124.407  
CURRENT APPLICATION NUMBER: US/09/696,791  
CURRENT FILING DATE: 2000-10-25  
NUMBER OF SEQ ID NOS: 4523  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 3750  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURES:  
OTHER INFORMATION: Cdc25 hs ribozyme binding site  
US-09-696-791-3750

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 963 CTGAGAGAAATCTCTG 979  
DB 18 CTGAGAGAAATCTCTG 2

RESULT 955  
US-09-696-791-3751/c  
Sequence 3751, Application US/09696791  
Patent No. 6770633  
GENERAL INFORMATION:  
APPLICANT: Robbins, Joan M.  
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
FILE REFERENCE: 480124.407  
CURRENT APPLICATION NUMBER: US/09/696,791  
CURRENT FILING DATE: 2000-10-25  
NUMBER OF SEQ ID NOS: 4523  
SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 3751  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURES:  
OTHER INFORMATION: Cdc25 hs ribozyme binding site  
US-09-696-791-3751

Query Match 0.3%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 6.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 963 CTGAGAGAAATCTCTG 979  
DB 17 CTGAGAGAAATCTCTG 1

RESULT 956  
US-08-973-857-6/c  
Sequence 6, Application US/08973857  
Patent No. 6221584  
GENERAL INFORMATION:

APPLICANT: EMRICH, Thomas  
APPLICANT: LEYING, Hermann  
APPLICANT: HINZPETER, Matthias  
APPLICANT: KARL, Gerlinde  
TITLE OF INVENTION: METHOD FOR THE DETECTION OF  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: Nikaido, Marmelstein, Murray & Oram LLP  
STREET: 655 Fifteenth St., NW  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005-5701  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973,857  
FILING DATE: 29-DEC-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/EP96/05245  
FILING DATE: 11-AUG-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE 19544317.9  
FILING DATE: 28-NOV-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE 19644302.4  
FILING DATE: 24-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Berman, Richard J.  
REGISTRATION NUMBER: 39,107  
REFERENCE/DOCKET NUMBER: P564-7031  
TELEPHONE: (202) 638-5000  
TELEFAX: (202) 638-4810  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-973-857-6

Query Match 0.2%; Score 13.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 7.1e+02;  
Matches 14; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 5391 TTTAAAAATACAAAAA 5408  
Db 19 DKAATAAAAAAAAAAAAA 2

RESULT 957  
US-09-357-073-22/C  
; Sequence 22, Application US/09357073  
; Patent No. 6033910  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monla  
; APPLICANT: Lex M. Cosseert  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MAP KINASE KINASE 6 EXPRESSION  
; FILE REFERENCE: RFS-0086  
; CURRENT APPLICATION NUMBER: US/09/357,073  
; CURRENT FILING DATE: 1999-07-19  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 22  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-357-073-22

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 7.4e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2001 TTTCAGATGTAAGGCAAG 2020  
Db 20 TGCTCAGTCGAAGGCAAG 1

RESULT 958  
US-08-142-785-5  
; Sequence 5, Application US/08142785  
; Patent No. 5434257  
; GENERAL INFORMATION:  
; APPLICANT: MATTEUCCI, MARK D.  
; APPLICANT: CAO, XIAODONG  
; TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING  
; TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES  
; NUMBER OF SEQUENCES: 13  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: GILEAD SCIENCES  
; STREET: 353 Lakeside Drive  
; CITY: Foster City  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/142,785  
; FILING DATE: 26-OCT-1993  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: MUENCHAU, DARYL D.  
; REGISTRATION NUMBER: 36,616  
; REFERENCE/DOCKET NUMBER: 169.2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 574-3000  
; TELEFAX: (415) 578-9264  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-142-785-5  
Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAAA 1200  
Db 1 AGAGAGAGAGAAA 15

RESULT 959  
US-08-142-785-6/C  
; Sequence 6, Application US/08142785  
; Patent No. 5434257  
; GENERAL INFORMATION:  
; APPLICANT: MATTEUCCI, MARK D.  
; APPLICANT: CAO, XIAODONG  
; TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING  
; TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES  
; NUMBER OF SEQUENCES: 13  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: GILEAD SCIENCES  
; STREET: 353 Lakeside Drive  
; CITY: Foster City  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/142,785  
; FILING DATE: 26-OCT-1993  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: MUENCHAU, DARYL D.  
; REGISTRATION NUMBER: 36,616  
; REFERENCE/DOCKET NUMBER: 169.2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 574-3000  
; TELEFAX: (415) 578-9264  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-142-785-6

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAAA 1200  
Db 15 AGAGAGAGAGAAA 1

RESULT 960  
US-08-142-785-7  
; Sequence 7, Application US/08142785  
; Patent No. 5434257  
; GENERAL INFORMATION:  
; APPLICANT: MATTEUCCI, MARK D.  
; APPLICANT: CAO, XIAODONG  
; TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING  
; TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES  
; NUMBER OF SEQUENCES: 13  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: GILEAD SCIENCES

```
/ STREET: 353 Lakeside Drive
/ CITY: Foster City
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94404
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/142,785
/ FILING DATE: 26-OCT-1993
/ CLASSIFICATION: 536
/ ATTORNEY/AGENT INFORMATION:
/ NAME: MUENCHAU, DARYL D.
/ REGISTRATION NUMBER: 36,616
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 574-3000
/ TELEFAX: (415) 578-9264
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-142-785-7

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196
Db 1 AAAAAAGAGAGAGA 15

RESULT 961
US-08-142-785-8
/ Sequence 8, Application US/08142785
/ Patent No. 5434257
/ GENERAL INFORMATION:
/ APPLICANT: MATTEUCCI, MARK D.
/ ATTORNEY/AGENT INFORMATION:
/ NAME: MUENCHAU, DARYL D.
/ REGISTRATION NUMBER: 36,616
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 574-3000
/ TELEFAX: (415) 578-9264
/ INFORMATION FOR SEQ ID NO: 9:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-142-785-9

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196
Db 1 AAAAAAGAGAGAGA 15

RESULT 962
US-08-142-785-9/c
/ Sequence 9, Application US/08142785
/ Patent No. 5434257
/ GENERAL INFORMATION:
/ APPLICANT: MATTEUCCI, MARK D.
/ ATTORNEY/AGENT INFORMATION:
/ NAME: MUENCHAU, DARYL D.
/ REGISTRATION NUMBER: 36,616
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 574-3000
/ TELEFAX: (415) 578-9264
/ INFORMATION FOR SEQ ID NO: 9:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-142-785-9
```

```
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-142-785-8

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196
Db 1 AAAAAAGAGAGAGA 15

RESULT 963
US-08-142-785-10/c
/ Sequence 10, Application US/08142785
/ Patent No. 5434257
/ GENERAL INFORMATION:
/ APPLICANT: MATTEUCCI, MARK D.
/ ATTORNEY/AGENT INFORMATION:
/ NAME: MUENCHAU, DARYL D.
/ REGISTRATION NUMBER: 36,616
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 574-3000
/ TELEFAX: (415) 578-9264
/ INFORMATION FOR SEQ ID NO: 9:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-142-785-9

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196
Db 1 AAAAAAGAGAGAGA 15

RESULT 964
US-08-142-785-10/c
/ Sequence 10, Application US/08142785
/ Patent No. 5434257
/ GENERAL INFORMATION:
/ APPLICANT: MATTEUCCI, MARK D.
/ ATTORNEY/AGENT INFORMATION:
/ NAME: MUENCHAU, DARYL D.
/ REGISTRATION NUMBER: 36,616
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 574-3000
/ TELEFAX: (415) 578-9264
/ INFORMATION FOR SEQ ID NO: 9:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-142-785-9
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TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: GILBARD SCIENCES  
STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/142,785  
FILING DATE: 26-OCT-1993  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 169.2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 574-3000  
TELEFAX: (415) 578-9264  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(11, "")  
OTHER INFORMATION: /note= "This position is thymidine  
OTHER INFORMATION: with a 3'-allyl ether substitute linkage."  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(12, "")  
OTHER INFORMATION: /note= "This position is thymidine  
OTHER INFORMATION: with a 3'-allyl ether substitute linkage."  
US-08-142-785-10  
Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1182 AGAAGAGAGAGAGA 1196  
DB 15 AAAAAAGAGAGAGA 1  
RESULT 964  
US-08-142-785-11/c  
Sequence 11, Application US/08142785  
Patent No. 5434257  
GENERAL INFORMATION:  
APPLICANT: MATTEUCCI, MARK D.  
TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING  
TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: GILBARD SCIENCES  
STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/142,785  
FILING DATE: 26-OCT-1993  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 169.2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 574-3000  
TELEFAX: (415) 578-9264  
INFORMATION FOR SEQ ID NO: 12:

SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/142,785  
FILING DATE: 26-OCT-1993  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 169.2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 574-3000  
TELEFAX: (415) 578-9264  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(11, "")  
OTHER INFORMATION: /note= "This position is thymidine  
OTHER INFORMATION: with a 3'-allyl sulfide substitute link..."  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(13, "")  
OTHER INFORMATION: /note= "This position is thymidine  
OTHER INFORMATION: with a 3'-allyl sulfide substitute link..."  
US-08-142-785-11  
Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1182 AGAAGAGAGAGAGA 1196  
DB 15 AAAAAAGAGAGAGA 1  
RESULT 965  
US-08-142-785-12/c  
Sequence 12, Application US/08142785  
Patent No. 5434257  
GENERAL INFORMATION:  
APPLICANT: MATTEUCCI, MARK D.  
TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING  
TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: GILBARD SCIENCES  
STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/142,785  
FILING DATE: 26-OCT-1993  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 169.2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 574-3000  
TELEFAX: (415) 578-9264  
INFORMATION FOR SEQ ID NO: 12:



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SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(11, "")
OTHER INFORMATION: /note= "This position is thymidine
OTHER INFORMATION: with a 3'-propylether substitute linkage."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(13, "")
OTHER INFORMATION: /note= "This position is thymidine
OTHER INFORMATION: with a 3'-propylether substitute linkage."
US-08-142-785-12

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Pred. No. 6.3e+02;
Matches 14, Conservative 0, Mismatches 1, Indels 0, Gaps 0;

Cy 1182 AGAAGAGAGAGAGA 1196
Db 15 AAAAAGAGAGAGAGA 1

RESULT 966
US-08-142-785-13/c
Sequence 13, Application US/08142785
Patent No. 5434257
GENERAL INFORMATION:
APPLICANT: MATTEUCCI, MARK D.
TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSER: GILEAD SCIENCES
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,785
FILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(11, "")
OTHER INFORMATION: /note= "This position is thymidine
OTHER INFORMATION: with a 3'-propyl sulfide substitute linkage."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(13, "")
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OTHER INFORMATION: /note= "This position is thymidine
OTHER INFORMATION: with a 3'-propyl sulfide substitute linkage."
US-08-142-785-13

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Pred. No. 6.3e+02;
Matches 14, Conservative 0, Mismatches 1, Indels 0, Gaps 0;

Cy 1182 AGAAGAGAGAGAGA 1196
Db 15 AAAAAGAGAGAGAGA 1

RESULT 967
US-07-799-824-1/c
Sequence 1, Application US/07799824
Patent No. 5484908
GENERAL INFORMATION:
APPLICANT: Froehner, Brian
APPLICANT: Jones, Robert J.
TITLE OF INVENTION: Enhanced Triple-Helix and
TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
TITLE OF INVENTION: Containing Modified Pyrimidines
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSER: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/799,824
FILING DATE: 19911126
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1
OTHER INFORMATION: /note= "T corresponds to thymine
OTHER INFORMATION: and C corresponds to 5-methylcytosine."
US-07-799-824-1

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Pred. No. 6.3e+02;
Matches 14, Conservative 0, Mismatches 1, Indels 0, Gaps 0;

Cy 1182 AGAAGAGAGAGAGA 1196
Db 15 AAAAAGAGAGAGAGA 1

RESULT 968
US-07-799-824-2/c
Sequence 2, Application US/07799824
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; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
;
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: /note= "U corresponds to
; OTHER INFORMATION: 5-propynyl uracil, T corresponds to thymine, and
; OTHER INFORMATION: C corresponds to 5-methylcytosine."
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; US-07-799-824-2
;
; Query Match 0.2%; Score 13.4; DB 1; Length 15;
; Best Local Similarity 93.3%; Pred. No. 6.3e+02;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 1182 AGAAGAGAGAGAGA 1196
; DB 15 AAAAAAGAGAGAGAGA 1
;
; RESULT 969
; US-07-799-824-3/C
; Sequence 3, Application US/07799824
; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
;
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
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; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: /note= "U corresponds to
; OTHER INFORMATION: 5-propynyl uracil, T corresponds to thymine and C
; OTHER INFORMATION: corresponds to 5-methylcytosine."
;
; US-07-799-824-3
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; Query Match 0.2%; Score 13.4; DB 1; Length 15;
; Best Local Similarity 93.3%; Pred. No. 6.3e+02;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 1182 AGAAGAGAGAGAGA 1196
; DB 15 AAAAAAGAGAGAGAGA 1
;
; RESULT 970
; US-07-799-824-4
; Sequence 4, Application US/07799824
; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
```

TELEFAX: 415-327-2951  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-799-824-4

Query Match 0.2% Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1186 AGAAGAGAGAGAGA 1200  
1 AGAAGAGAGAGAGA 15

RESULT 971  
US-07-799-824-5/c  
Sequence 5, Application US/07799824  
Patent No. 5484908

GENERAL INFORMATION:  
APPLICANT: Froehler, Brian  
APPLICANT: Jones, Robert J.  
TITLE OF INVENTION: Enhanced Triple-Helix and  
TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides  
TITLE OF INVENTION: Containing Modified Pyrimidines  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESS: Morrison & Foerster  
STREET: 545 Middlefield Road, Suite 200  
CITY: Menlo Park  
STATE: California  
COUNTRY: USA  
ZIP: 94025

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/799,824  
FILING DATE: 19911126  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Murashige, Kate H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 24610-20035.00  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-813-5600  
TELEFAX: 415-327-2951  
TELEX: 706141

INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURES:  
NAME/KEY: misc\_feature  
LOCATION: 2  
OTHER INFORMATION: /note= "C corresponds to  
OTHER INFORMATION: 5-propynylcytosine."  
US-07-799-824-5

Query Match 0.2% Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Oy 1182 AGAAGAGAGAGAGA 1196  
1 AGAAGAGAGAGAGA 15

DB 15 AAAAAAGAGAGAGA 1

RESULT 972  
US-07-799-824-6  
Sequence 6, Application US/07799824  
Patent No. 5484908

GENERAL INFORMATION:  
APPLICANT: Froehler, Brian  
APPLICANT: Jones, Robert J.  
TITLE OF INVENTION: Enhanced Triple-Helix and  
TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides  
TITLE OF INVENTION: Containing Modified Pyrimidines  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESS: Morrison & Foerster  
STREET: 545 Middlefield Road, Suite 200  
CITY: Menlo Park  
STATE: California  
COUNTRY: USA  
ZIP: 94025

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/799,824  
FILING DATE: 19911126  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Murashige, Kate H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 24610-20035.00  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-813-5600  
TELEFAX: 415-327-2951  
TELEX: 706141

INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-799-824-6

Query Match 0.2% Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1182 AGAAGAGAGAGAGA 1196  
1 AAAAAAGAGAGAGA 15

RESULT 973  
US-07-799-824-7/c  
Sequence 7, Application US/07799824  
Patent No. 5484908

GENERAL INFORMATION:  
APPLICANT: Froehler, Brian  
APPLICANT: Jones, Robert J.  
TITLE OF INVENTION: Enhanced Triple-Helix and  
TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides  
TITLE OF INVENTION: Containing Modified Pyrimidines  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESS: Morrison & Foerster  
STREET: 545 Middlefield Road, Suite 200  
CITY: Menlo Park  
STATE: California  
COUNTRY: USA  
ZIP: 94025

Query Match 0.2% Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Oy 1182 AGAAGAGAGAGAGA 1196  
1 AAAAAAGAGAGAGA 15

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-07-799-824-7
;
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1182 AGAAGAGAGAGAGA 1196
DB      15 AAAAAGAGAGAGAGA 1

RESULT 974
US-07-799-824-8/C
; Sequence 8, Application US/07799824
; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
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; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7
; OTHER INFORMATION: /note= "U corresponds to bdu."
;
US-07-799-824-8
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Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      1182 AGAAGAGAGAGAGA 1196
DB      15 AAAAAGAGAGAGAGA 1
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RESULT 975
US-07-799-824-9/C
; Sequence 9, Application US/07799824
; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: /note= "U corresponds to bdu."
;
US-07-799-824-9
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Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      1182 AGAAGAGAGAGAGA 1196
DB      15 AAAAAGAGAGAGAGA 1
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RESULT 976
; Sequence 15, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KURI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
; TITLE OF INVENTION: THIOFORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSER: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/874,334
; FILING DATE: 19920424
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20005.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(1..2, "")
; OTHER INFORMATION: /note= "This position indicates
; OTHER INFORMATION: 3'-formacetal 5'-SCH2O-3' neutral linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(2, "")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methyl-C'."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(3..4, "")
; OTHER INFORMATION: /note= "This position indicates
; OTHER INFORMATION: 3'-formacetal 5'-SCH2O-3' neutral linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(4, "")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methyl-C'."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(5..6, "")
; OTHER INFORMATION: /note= "This position indicates
; OTHER INFORMATION: 3'-formacetal 5'-SCH2O-3' neutral linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(6, "")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methyl-C'."
; FEATURE:
; NAME/KEY: misc_difference
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LOCATION: replace(7..8, "")
; OTHER INFORMATION: /note= "This position indicates
; OTHER INFORMATION: 3'-formacetal 5'-SCH2O-3' neutral linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(8, "")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methyl-C'."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(9..10, "")
; OTHER INFORMATION: /note= "This position indicates
; OTHER INFORMATION: 3'-formacetal 5'-SCH2O-3' neutral linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(10, "")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methyl-C'."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(11..12, "")
; OTHER INFORMATION: /note= "This position indicates
; OTHER INFORMATION: -OCH2O- neutral linkage."
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(13..14, "")
; OTHER INFORMATION: /note= "This position indicates
; OTHER INFORMATION: -OCH2O- neutral linkage."
; OTHER INFORMATION: -OCH2O- neutral linkage."
; US-07-874-334-15

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1182 AGAAGAGAGAGAGA 1196
Db 15 AAAAAGAGAGAGAGA 1

RESULT 977
; Sequence 16, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KURI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
; TITLE OF INVENTION: THIOFORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSER: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/874,334
; FILING DATE: 19920424
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20005.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
```

```

;
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 15 base pairs
;   TYPE: NUCLEIC ACID
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;
; FEATURE:
;   NAME/KEY: misc difference
;   LOCATION: replace(1..2, "")
;   OTHER INFORMATION: /note= "This position indicates a
;   OTHER INFORMATION: diester linkage."
;
; FEATURE:
;   NAME/KEY: misc difference
;   LOCATION: replace(3..4, "")
;   OTHER INFORMATION: /note= "This position indicates a
;   OTHER INFORMATION: diester linkage."
;
; FEATURE:
;   NAME/KEY: misc difference
;   LOCATION: replace(5..6, "")
;   OTHER INFORMATION: /note= "This position indicates a
;   OTHER INFORMATION: diester linkage."
;
; FEATURE:
;   NAME/KEY: misc difference
;   LOCATION: replace(7..8, "")
;   OTHER INFORMATION: /note= "This position indicates a
;   OTHER INFORMATION: diester linkage."
;
; FEATURE:
;   NAME/KEY: misc difference
;   LOCATION: replace(9..10, "")
;   OTHER INFORMATION: /note= "This position indicates a
;   OTHER INFORMATION: diester linkage."
;
; FEATURE:
;   NAME/KEY: misc difference
;   LOCATION: replace(11..12, "")
;   OTHER INFORMATION: /note= "This position indicates a
;   OTHER INFORMATION: diester linkage."
;
; FEATURE:
;   NAME/KEY: misc difference
;   LOCATION: replace(13..14, "")
;   OTHER INFORMATION: /note= "This position indicates a
;   OTHER INFORMATION: diester linkage."
;
; OTHER INFORMATION: diester linkage."
;
US-07-874-334-16

Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1182 AGAAGAGAGAGAGA 1196
Db      15 AAAAAAGAGAGAGA 1

RESULT 978
US-07-874-334-17/c
; Sequence 17, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
;   APPLICANT: MATTEUCCI, MARK
;   APPLICANT: JONES, BOB
;   APPLICANT: LIN, KUEI-YING
;   TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
;   TITLE OF INVENTION: THIOFORMACETAL LINKAGES
;   NUMBER OF SEQUENCES: 18
;   CORRESPONDENCE ADDRESSES:
;   ADDRESSEE: MORRISON & FOERSTER
;   STREET: 755 Page Mill Road
;   CITY: Palo Alto
;   STATE: California
;   COUNTRY: USA
;   ZIP: 94304-1018
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/07/874,334
;   FILING DATE: 19920424
;   CLASSIFICATION: 536
;   ATTORNEY/AGENT INFORMATION:
;   NAME: MURASHIGE, KATE H.
;   REGISTRATION NUMBER: 29,959
;   REFERENCE/DOCKET NUMBER: 24610-20005.24
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (415) 813-5600
;   TELEFAX: (415) 494-0792
;
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 15 base pairs
;   TYPE: NUCLEIC ACID
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;
; FEATURE:
;   NAME/KEY: misc difference
;   LOCATION: replace(1..2, "")
;   OTHER INFORMATION: /note= "This position indicates a
;   OTHER INFORMATION: formacetal linkage."
;
; FEATURE:
;   NAME/KEY: misc difference
;   LOCATION: replace(3..4, "")
;   OTHER INFORMATION: /note= "This position indicates a
;   OTHER INFORMATION: formacetal linkage."
;
; FEATURE:
;   NAME/KEY: misc difference
;   LOCATION: replace(5..6, "")
;   OTHER INFORMATION: /note= "This position indicates a
;   OTHER INFORMATION: formacetal linkage."
;
; FEATURE:
;   NAME/KEY: misc difference
;   LOCATION: replace(7..8, "")
;   OTHER INFORMATION: /note= "This position indicates a
;   OTHER INFORMATION: formacetal linkage."
;
; FEATURE:
;   NAME/KEY: misc difference
;   LOCATION: replace(9..10, "")
;   OTHER INFORMATION: /note= "This position indicates a
;   OTHER INFORMATION: formacetal linkage."
;
; FEATURE:
;   NAME/KEY: misc difference
;   LOCATION: replace(11..12, "")
;   OTHER INFORMATION: /note= "This position indicates a
;   OTHER INFORMATION: formacetal linkage."
;
; FEATURE:
;   NAME/KEY: misc difference
;   LOCATION: replace(13..14, "")
;   OTHER INFORMATION: /note= "This position indicates a
;   OTHER INFORMATION: formacetal linkage."
;
; OTHER INFORMATION: formacetal linkage."
;
US-07-874-334-17

Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1182 AGAAGAGAGAGAGA 1196
Db      15 AAAAAAGAGAGAGA 1

RESULT 979
US-07-874-334-18/c
; Sequence 18, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
;   APPLICANT: MATTEUCCI, MARK
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APPLICANT: JONES, BOB  
APPLICANT: LIN, KUEI-YING  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING  
TITLE OF INVENTION: THIOROMACETAL LINKAGES  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 755 Page Mill Road  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/874,334  
FILING DATE: 19920424  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 24610-20005.24  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 813-5600  
TELEFAX: (415) 494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(1..2, "")  
OTHER INFORMATION: /note="This position indicates a  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(3..4, "")  
OTHER INFORMATION: /note="This position indicates a  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(5..6, "")  
OTHER INFORMATION: /note="This position indicates a  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(7..8, "")  
OTHER INFORMATION: /note="This position indicates a  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(9..10, "")  
OTHER INFORMATION: /note="This position indicates a  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(11..12, "")  
OTHER INFORMATION: /note="This position indicates a  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(13..14, "")  
OTHER INFORMATION: /note="This position indicates a  
OTHER INFORMATION: chioformacetal linkage."  
US-07-874-334-18  
Query Match 0.24; Score 13.4; DB 1; Length 15;

Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Cy 1182 AGAAGAGAGAGAGA 1196  
Db 15 AAAAAAGAGAGAGA 1  
RESULT 980  
US-07-976-103A-4  
Sequence 4, Application US/07976103A  
Patent No. 5645985  
GENERAL INFORMATION:  
APPLICANT: FROHLER, BRIAN  
APPLICANT: WAGNER, RICK  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, ROBERT J.  
APPLICANT: GUTIERREZ, ARNOLD J.  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GILEAD SCIENCES, INC.  
STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/976,103A  
FILING DATE: 25-NOV-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: MUEBCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 162.3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 573-4712  
TELEFAX: (415) 573-4899  
TELEX:  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-976-103A-4  
Query Match 0.24; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Cy 1186 AGAAGAGAGAGAAA 1200  
Db 1 AGAAGAGAGAGAAA 15  
RESULT 981  
US-07-976-103A-6  
Sequence 6, Application US/07976103A  
Patent No. 5645985  
GENERAL INFORMATION:  
APPLICANT: FROHLER, BRIAN  
APPLICANT: WAGNER, RICK  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, ROBERT J.  
APPLICANT: GUTIERREZ, ARNOLD J.

APPLICANT: PUDLO, JEFF  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GILEAD SCIENCES, INC.  
STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/976,103A  
FILING DATE: 25-NOV-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 162.3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 573-4712  
TELEFAX: (415) 573-4899  
TELEX:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-976-103A-6

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGA 1196  
Db 1 AAAAAGAGAGAGA 15

RESULT 982  
US-07-976-103A-12  
Sequence 12, Application US/07976103A  
Patent No. 5645985  
GENERAL INFORMATION:  
APPLICANT: FROEHLER, BRIAN  
APPLICANT: WAGNER, RICK  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, ROBERT J.  
APPLICANT: GUTIERREZ, ARNOLD J.  
APPLICANT: PUDLO, JEFF  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GILEAD SCIENCES, INC.  
STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/976,103A

FILING DATE: 25-NOV-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 162.3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 573-4712  
TELEFAX: (415) 573-4899  
TELEX:  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-976-103A-12

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGA 1196  
Db 1 AAAAAGAGAGAGA 15

RESULT 983  
US-07-976-103A-40/C  
Sequence 40, Application US/07976103A  
Patent No. 5645985  
GENERAL INFORMATION:  
APPLICANT: FROEHLER, BRIAN  
APPLICANT: WAGNER, RICK  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, ROBERT J.  
APPLICANT: GUTIERREZ, ARNOLD J.  
APPLICANT: PUDLO, JEFF  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GILEAD SCIENCES, INC.  
STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/976,103A  
FILING DATE: 25-NOV-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 162.3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 573-4712  
TELEFAX: (415) 573-4899  
TELEX:  
INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-976-103A-40





CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: MURPHY JR, GERALD M  
REGISTRATION NUMBER: 28,977  
REFERENCE/DOCKET NUMBER: 0760-221P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 205-8000  
TELEFAX: (703) 205-8050  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-08-750-007-19

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4236 CCACCGGCTCATCC 4250  
|||  
1 CCCCCGCTCATCC 15

Db

RESULT 987  
US-08-311-486C-227  
Sequence 227, Application US/08311486C  
Patent No. 581300  
GENERAL INFORMATION:  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisch  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TNP-1  
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
City: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600

two

TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 227:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-486C-227

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 60.0%; Pred. No. 6.3e+02;  
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

OY 3262 CTGGCTCTGTGCTT 3276  
|||  
1 CUGGCCUCUGGCCU 15

Db

RESULT 988  
US-07-892-902-6  
Sequence 6, Application US/07892902  
Patent No. 581781  
GENERAL INFORMATION:  
APPLICANT: Swaminathan, Sundaramoorthi  
APPLICANT: Matteucci, Mark  
APPLICANT: Pudlo, Jeff  
APPLICANT: Jones, Robert J.  
TITLE OF INVENTION: MODIFIED INTERNUCLEOSIDE LINKAGES (II)  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Morrison & Foerster  
STREET: 755 Page Mill Road  
City: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/892,902  
FILING DATE: 01-JUN-1992  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Muraahige, Kate H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 246102004200  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-813-5600  
TELEFAX: 415-494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-07-892-902-6

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1186 AGAGAGAGAGAAA 1200  
|||  
1 AGAGAGAGAGAAA 15

Db

RESULT 989

US-07-892-902-7/c  
; Sequence 7, Application US/07892902  
; Patent No. 5817781  
; GENERAL INFORMATION:  
; APPLICANT: Swaminathan, Sundaramoorthi  
; APPLICANT: Matteucci, Mark  
; APPLICANT: Pudlo, Jeff  
; APPLICANT: Jones, Robert J.  
; TITLE OF INVENTION: MODIFIED INTERNUCLEOSIDE LINKAGERS (II)  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Morrison & Foerster  
; STREET: 755 Page Mill Road  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94304-1018  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/892,902  
; FILING DATE: 01-JUN-1992  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Murashige, Kate H.  
; REGISTRATION NUMBER: 29,959  
; REFERENCE/DOCKET NUMBER: 246102004200  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-813-5600  
; TELEFAX: 415-494-0792  
; TELEX: 706141  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; US-07-892-902-7

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 1186 AGAGAGAGAGAGAA 1200  
Db 15 AGAGAGAGAGAGAA 1

RESULT 990  
US-08-473-481-4  
; Sequence 4, Application US/08473481  
; Patent No. 5830653  
; GENERAL INFORMATION:  
; APPLICANT: FROELER, BRIAN  
; APPLICANT: WAGNER, RICK  
; APPLICANT: MATTEUCCI, MARK  
; APPLICANT: JONES, ROBERT J.  
; APPLICANT: GUTIERREZ, ARNOLD J.  
; APPLICANT: PUDLO, JEFF  
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: GILEAD SCIENCES, INC.  
; STREET: 353 Lakeside Drive  
; CITY: Foster City  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94404

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/473,481  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/976,103  
; FILING DATE: 25-NOV-1992  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/965,941  
; FILING DATE: 23-OCT-1992  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/338,352  
; FILING DATE: 14-NOV-1994  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/935,444  
; FILING DATE: 25-AUG-1992  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/799,824  
; FILING DATE: 26-NOV-1991  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: MUEBCHAU, DARYL D.  
; REGISTRATION NUMBER: 36,616  
; REFERENCE/DOCKET NUMBER: 162.3D  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 573-4712  
; TELEFAX: (415) 573-4899  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-473-481-4

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 1186 AGAGAGAGAGAGAA 1200  
Db 1 AGAGAGAGAGAGAA 15

RESULT 991  
US-08-473-481-6  
; Sequence 6, Application US/08473481  
; Patent No. 5830653  
; GENERAL INFORMATION:  
; APPLICANT: FROELER, BRIAN  
; APPLICANT: WAGNER, RICK  
; APPLICANT: MATTEUCCI, MARK  
; APPLICANT: JONES, ROBERT J.  
; APPLICANT: GUTIERREZ, ARNOLD J.  
; APPLICANT: PUDLO, JEFF  
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: GILEAD SCIENCES, INC.  
; STREET: 353 Lakeside Drive  
; CITY: Foster City  
; STATE: California

```

? COUNTRY: USA
? ZIP: 94404
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patent in Release #1.0, Version #1.25
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/473,481
? FILING DATE: 07-JUN-1995
? CLASSIFICATION: 514
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 07/976,103
? FILING DATE: 25-NOV-1992
? CLASSIFICATION: 514
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 07/965,941
? FILING DATE: 23-OCT-1992
? CLASSIFICATION: 514
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 08/338,352
? FILING DATE: 14-NOV-1994
? CLASSIFICATION: 514
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 07/935,444
? FILING DATE: 25-AUG-1992
? CLASSIFICATION: 514
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 07/799,824
? FILING DATE: 26-NOV-1991
? CLASSIFICATION: 514
? ATTORNEY/AGENT INFORMATION:
? NAME: MUENCHAU, DARYL D.
? REGISTRATION NUMBER: 36,616
? REFERENCE/DOCKET NUMBER: 162.3D
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (415) 573-4712
? TELEFAX: (415) 573-4899
? TELEX:
? INFORMATION FOR SEQ ID NO: 6:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 15 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
?
US-08-473-481-6
?
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1182 AGAAGAGAGAGAGA 1196
DB 1 AAAAAAGAGAGAGA 15
RESULT 992
US-08-473-481-12
? Sequence 12, Application US/08473481
? Patent No. 5830653
? GENERAL INFORMATION:
? APPLICANT: FROEHLER, BRIAN
? APPLICANT: WAGNER, RICK
? APPLICANT: MATTEUCCI, MARK
? APPLICANT: JONES, ROBERT J.
? APPLICANT: GUTIERREZ, ARNOLD J.
? APPLICANT: PUDLO, JEFF
? TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
? TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
? NUMBER OF SEQUENCES: 53
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: GILDED SCIENCES, INC.
? STREET: 353 Lakeside Drive

```

```

? CITY: Foster City
? STATE: California
? COUNTRY: USA
? ZIP: 94404
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patent in Release #1.0, Version #1.25
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/473,481
? FILING DATE: 07-JUN-1995
? CLASSIFICATION: 514
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 07/976,103
? FILING DATE: 25-NOV-1992
? CLASSIFICATION: 514
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 07/965,941
? FILING DATE: 23-OCT-1992
? CLASSIFICATION: 514
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 08/338,352
? FILING DATE: 14-NOV-1994
? CLASSIFICATION: 514
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 07/935,444
? FILING DATE: 25-AUG-1992
? CLASSIFICATION: 514
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 07/799,824
? FILING DATE: 26-NOV-1991
? CLASSIFICATION: 514
? ATTORNEY/AGENT INFORMATION:
? NAME: MUENCHAU, DARYL D.
? REGISTRATION NUMBER: 36,616
? REFERENCE/DOCKET NUMBER: 162.3D
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (415) 573-4712
? TELEFAX: (415) 573-4899
? TELEX:
? INFORMATION FOR SEQ ID NO: 12:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 15 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
?
US-08-473-481-12
?
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1182 AGAAGAGAGAGAGA 1196
DB 1 AAAAAAGAGAGAGA 15
RESULT 993
US-08-473-481-40/C
? Sequence 40, Application US/08473481
? Patent No. 5830653
? GENERAL INFORMATION:
? APPLICANT: FROEHLER, BRIAN
? APPLICANT: WAGNER, RICK
? APPLICANT: MATTEUCCI, MARK
? APPLICANT: JONES, ROBERT J.
? APPLICANT: GUTIERREZ, ARNOLD J.
? APPLICANT: PUDLO, JEFF
? TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
? TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
? NUMBER OF SEQUENCES: 53
? CORRESPONDENCE ADDRESS:

```



ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,  
STREET: 510 EAST 73RD STREET,  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10021.  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44MB storage  
COMPUTER: IBM PC/XT/AT  
OPERATING SYSTEM: MS-DOS version 6.2  
SOFTWARE: Wordperfect Version 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/173,489C  
FILING DATE: 22 DEC 1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/968,436  
FILING DATE: 29 OCT 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Handelman, Joseph H.  
REGISTRATION NUMBER: 26,179  
REFERENCE/DOCKET NUMBER: U9518-6  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (attorney) (212) 708-1880  
TELEFAX: (attorney) (212) 246-8959  
INFORMATION FOR SEQ ID NO: 61:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: double stranded  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
DESCRIPTION: gamma-crySTALLin gene exons 1 and 2  
DESCRIPTION: (Accession # K03003) nucleotides 144 to 158  
HYPOTHETICAL: No  
ANTI-SENSE: No  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
POSITION IN GENOME:  
CHROMOSOME/SEGMENT: chromosome 2  
MAP POSITION: 2q33-q35  
PUBLICATION INFORMATION:  
AUTHORS: Meakin, S O, Breitman, M L, Tsui, L C.  
TITLE: Structural and evolutionary  
relationships among five members of the human  
JOURNAL: Molecular and Cellular Biology  
VOLUME: 5  
PAGES: 1408-1414  
DATE: 1985  
RELEVANT RESIDUES IN SEQ ID NO: 61 :FROM 1 TO 15  
US-08-173-489C-61

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5412 AAAATGAAATTAAG 5426  
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Db 1 AAAATGAAAAAAG 15

RESULT 996  
US-08-173-489C-248  
Sequence 248, Application US/08173489C  
Patent No. 5861244  
GENERAL INFORMATION:  
APPLICANT: WANG, C. -G.  
APPLICANT: HEBURN, A. G.  
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA  
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.  
NUMBER OF SEQUENCES: 365  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,

STREET: 510 EAST 73RD STREET,  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10021.  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44MB storage  
COMPUTER: IBM PC/XT/AT  
OPERATING SYSTEM: MS-DOS version 6.2  
SOFTWARE: Wordperfect Version 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/173,489C  
FILING DATE: 22 DEC 1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/968,436  
FILING DATE: 29 OCT 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Handelman, Joseph H.  
REGISTRATION NUMBER: 26,179  
REFERENCE/DOCKET NUMBER: U9518-6  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (attorney) (212) 708-1880  
TELEFAX: (attorney) (212) 246-8959  
INFORMATION FOR SEQ ID NO: 248:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 bases  
TYPE: nucleic acid  
STRANDEDNESS: single stranded  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: third strand derived from M. luteus  
DESCRIPTION: 238 region in Seq ID No. 5861244247  
HYPOTHETICAL: Yes  
ANTI-SENSE: no  
PUBLICATION INFORMATION:  
RELEVANT RESIDUES IN SEQ ID NO: 248 :FROM 1 TO 15  
US-08-173-489C-248

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 326 CCCTCCCTGGCTTT 340  
|||||  
Db 1 CCCTCCCTGGCTTT 15

RESULT 997  
US-08-483-464-2/c  
Sequence 2, Application US/08483464  
Patent No. 5877160  
GENERAL INFORMATION:  
APPLICANT: Arnold, Lyle John, Jr.  
APPLICANT: Harper, Mary Ellen  
APPLICANT: Woolf, Tod Mitchell  
TITLE OF INVENTION: COMPOSITION AND METHODS OF  
TREATMENT OF ANDROGEN-ASSOCIATED BALDNESS USING ANTISENSE  
TITLE OF INVENTION: OLIGOMERS  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 4225 Executive Square, Suite 1400  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/483,464  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/019,543  
FILING DATE: 19-FEB-1993  
APPLICATION NUMBER: 07/707,879  
FILING DATE: 31-MAY-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Halle, Lisa A  
REGISTRATION NUMBER: 38,347  
REFERENCE/DOCKET NUMBER: 09596/001001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-678-5070  
TELEFAX: 619-678-5099  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-483-464-2

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2563 GAGGGGAGAGAG 2577  
Db 15 GAGGTGAGAGAGAG 1

RESULT 998  
US-08-483-464-6  
Sequence 6, Application US/08483464  
Patent No. 5877160  
GENERAL INFORMATION:  
APPLICANT: Arnold, Lytle John, Jr.  
APPLICANT: Harper, Mary Ellen  
APPLICANT: Wolff, Tod Mitchell  
TITLE OF INVENTION: COMPOSITION AND METHODS OF  
TITLE OF INVENTION: TREATMENT OF ANDROGEN-ASSOCIATED BALDNESS USING ANTISENSE  
TITLE OF INVENTION: OLIGOMERS  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESS: Fish & Richardson, P.C.  
STREET: 4225 Executive Square, Suite 1400  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/483,464  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/019,543  
FILING DATE: 19-FEB-1993  
APPLICATION NUMBER: 07/707,879  
FILING DATE: 31-MAY-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Halle, Lisa A  
REGISTRATION NUMBER: 38,347  
REFERENCE/DOCKET NUMBER: 09596/001001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-678-5070  
TELEFAX: 619-678-5099  
INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-483-464-6

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2563 GAGGGGAGAGAG 2577  
Db 1 GAGGTGAGAGAGAG 15

RESULT 999  
US-08-740-821-8/c  
Sequence 8, Application US/08740821  
Patent No. 5910583  
GENERAL INFORMATION:  
APPLICANT: Marks, Jeffrey R.  
APPLICANT: Vaughn, James P.  
APPLICANT: Iglehart, James D.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESS: Bell, Seltzer, Park & Gibson, P.A.  
STREET: Post Office Drawer 34009  
CITY: Charlotte  
STATE: No. 5910583th Carolina  
COUNTRY: USA  
ZIP: 28234  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/740,821  
FILING DATE: 04-NOV-1996  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Sibley, Kenneth D.  
REGISTRATION NUMBER: 31,665  
REFERENCE/DOCKET NUMBER: 5405-134  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919-420-2200  
TELEFAX: 919-881-3175  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: other nucleic acid  
DESCRIPTION: /desc = "OLIGONUCLEOTIDE"  
US-08-740-821-8

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1182 AGAAGAGAGAGCA 1196  
Db 15 AAAAAAGAGAGAGA 1

RESULT 1000  
US-08-459-434-1/c  
Sequence 1, Application US/08459434  
Patent No. 5969116  
GENERAL INFORMATION:

APPLICANT: Martin, Pierre  
TITLE OF INVENTION: Nucleosides and oligonucleotides having  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSER: No. 596916artis Corporation  
STREET: 59 Route 10  
CITY: East Hanover  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07936-1080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/459,434  
FILING DATE: 02-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: CH 1467/93-4  
FILING DATE: 12-MAY-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/241,213  
FILING DATE: 10-MAY-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ferraro, Gregory D.  
REGISTRATION NUMBER: 36,134  
REFERENCE/DOCKET NUMBER: 4-19552/A/DIV  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (908) 277-3318  
TELEFAX: (908) 277-4306  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "synthetic oligonucleotide  
DESCRIPTION: comprising a modified sugar"  
US-08-459-434-1  
Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1186 AGAGAGAGAGAGAAA 1200  
DB 15 AGAGAGAGAGAGAAA 1  
RESULT 1001  
US-08-863-639A-7  
Sequence 7, Application US/08863639A  
GENERAL INFORMATION:  
APPLICANT: Matson, Robert S.  
APPLICANT: Coasquin, Peter J.  
APPLICANT: Caskey, C. T.  
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS  
NUMBER OF SEQUENCES: 95  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Sheldon & Mak  
STREET: 225 South Lake Avenue, 9th Floor  
CITY: Pasadena  
STATE: CA  
COUNTRY: USA  
ZIP: 91101  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Corel WordPerfect 8 version  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/863,639A  
FILING DATE: May 28, 1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph E. Muech  
REGISTRATION NUMBER: 20,532  
REFERENCE/DOCKET NUMBER: 11859-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (626) 796-4000  
TELEFAX: (626) 795-6321  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other nucleic acid  
US-08-863-639A-7  
Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 5401 ACAAAAAGAGAAAA 5415  
DB 1 ACAAAAAGAGAAAA 15  
RESULT 1002  
US-08-832-021-61/c  
Sequence 61, Application US/08832021  
Patent No. 6045998  
GENERAL INFORMATION:  
APPLICANT: Combates, N.  
APPLICANT: Pardinas, J.  
APPLICANT: Parimoo, S.  
APPLICANT: Prouty, S.  
APPLICANT: Stemm, K.  
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY  
FILE REFERENCE: JBP-382  
CURRENT APPLICATION NUMBER: US/08/832,021  
CURRENT FILING DATE: 1997-04-02  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 61  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
US-08-832-021-61  
Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 5400 TACAAAAAGAAAA 5414  
DB 15 TACAAAAAGAAAA 1  
RESULT 1003  
US-08-338-352-5  
Sequence 5, Application US/08338352  
Patent No. 6235887  
GENERAL INFORMATION:  
APPLICANT: FROEHLER, BRIAN  
APPLICANT: JONES, ROBERT J.  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX



TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED  
PRIMIDINES  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 755 Page Mill Road  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/338,352  
FILING DATE: 14-NOV-1994  
CLASSIFICATION: 536  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 07/935,444  
FILING DATE: 25-AUG-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 24610-20035.20  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 813-5600  
TELEFAX: (415) 494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-338-352-5

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAGA 1200  
DB 1 AGAGAGAGAGAGAGA 15

RESULT 1004  
US-08-338-352-7  
Sequence 7, Application US/08338352  
Patent No. 6235887  
GENERAL INFORMATION:  
APPLICANT: FROEHLER, BRIAN  
APPLICANT: JONES, ROBERT J.  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED  
TITLE OF INVENTION: PRIMIDINES  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 755 Page Mill Road  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/338,352  
FILING DATE: 14-NOV-1994

CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/935,444  
FILING DATE: 25-AUG-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 24610-20035.20  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 813-5600  
TELEFAX: (415) 494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-338-352-7

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196  
DB 1 AAGAGAGAGAGAGA 15

RESULT 1005  
US-08-338-352-13  
Sequence 13, Application US/08338352  
Patent No. 6235887  
GENERAL INFORMATION:  
APPLICANT: FROEHLER, BRIAN  
APPLICANT: JONES, ROBERT J.  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED  
TITLE OF INVENTION: PRIMIDINES  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 755 Page Mill Road  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/338,352  
FILING DATE: 14-NOV-1994  
CLASSIFICATION: 536  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 07/935,444  
FILING DATE: 25-AUG-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 24610-20035.20  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 813-5600  
TELEFAX: (415) 494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-338-352-13

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196  
DB 1 AAAAAAGAGAGAGA 15

RESULT 1006

US-09-202-294-1/C  
; Sequence 1, Application US/09202294  
; Patent No. 6329519  
; GENERAL INFORMATION:  
; APPLICANT: Collingwood, Stephen P.  
; APPLICANT: Moser, Heinz E.  
; APPLICANT: Altmann, Karl-Heinz  
; APPLICANT: Douglas, Mark E.  
; TITLE OF INVENTION: Intermediates for oligonucleotides  
; FILE REFERENCE: 4-20900/A/MA2134/PCT  
; CURRENT APPLICATION NUMBER: US/09/202,294  
; EARLIER FILING DATE: 1999-03-15  
; EARLIER APPLICATION NUMBER: PCT/GB97/01490  
; EARLIER FILING DATE: 1997-06-03  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide  
US-09-202-294-1

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAA 1200  
DB 15 AGAGAGAGAGAGAA 1

RESULT 1007

US-09-081-646-23  
; Sequence 23, Application US/09081646  
; Patent No. 6333152  
; GENERAL INFORMATION:  
; APPLICANT: Kinzler, Kenneth  
; APPLICANT: Vogelstein, Bert  
; APPLICANT: Zhang, Lin  
; APPLICANT: Zhou, Wei  
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and  
; TITLE OF INVENTION: Cancer Cells  
; FILE REFERENCE: 01107.74664  
; CURRENT APPLICATION NUMBER: US/09/081,646  
; EARLIER FILING DATE: 1998-05-20  
; EARLIER APPLICATION NUMBER: 60/047,352  
; EARLIER FILING DATE: 1997-05-21  
; NUMBER OF SEQ ID NOS: 871  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 23  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-081-646-23

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3589 CATGTCCTCAGGCT 3603

DB 1 CATGTCCTCAGGCT 15

RESULT 1008

US-08-599-738A-4  
; Sequence 4, Application US/08599738A  
; Patent No. 6380368  
; GENERAL INFORMATION:  
; APPLICANT: FROEHLER, BRIAN  
; APPLICANT: WAGNER, RICK  
; APPLICANT: MATTEUCCI, MARK  
; APPLICANT: JONES, ROBERT J.  
; APPLICANT: GUTIERREZ, ARNOLD J.  
; APPLICANT: PUDLO, JERF  
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: GILEAD SCIENCES, INC.  
; STREET: 353 Lakeside Drive  
; CITY: Foster City  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/599,738A  
; FILING DATE: 12-FEB-1996  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/473,481  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/976,103  
; FILING DATE: 25-NOV-1992  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/965,941  
; FILING DATE: 23-OCT-1992  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/338,352  
; FILING DATE: 14-NOV-1994  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/935,444  
; FILING DATE: 25-AUG-1992  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/799,824  
; FILING DATE: 26-NOV-1991  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: MUENCHAU, DARYL D.  
; REGISTRATION NUMBER: 36,616  
; REFERENCE/DOCKET NUMBER: 162,302  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 573-4712  
; TELEFAX: (415) 573-4899  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-599-738A-4

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200

DB 1 AGAGAGAGAGAGAAA 15

RESULT 1009

US-08-599-738A-6  
Sequence 6, Application US/08599738A  
Patent No. 6380368

GENERAL INFORMATION:

APPLICANT: FROELER, BRIAN

APPLICANT: WAGNER, RICK

APPLICANT: MATTEUCCI, MARK

APPLICANT: JONES, ROBERT J.

APPLICANT: GUTIERREZ, ARNOLD J.

TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESS:

ADDRESSEE: GILEAD SCIENCES, INC.

STREET: 353 Lakeside Drive

CITY: Foster City

STATE: California

COUNTRY: USA

ZIP: 94404

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/599,738A

FILING DATE: 12-FEB-1996

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/473,481

FILING DATE: 07-JUN-1995

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/965,941

FILING DATE: 23-OCT-1992

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/338,352

FILING DATE: 14-NOV-1994

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/935,444

FILING DATE: 25-AUG-1992

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/799,824

FILING DATE: 26-NOV-1991

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: MUENCHAU, DARYL D.

REGISTRATION NUMBER: 36,616

REFERENCE/DOCKET NUMBER: 162,3D2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 573-4712

TELEFAX: (415) 573-4899

TELEX:

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-599-738A-6

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196

DB 1 AGAAGAGAGAGAGA 15

RESULT 1010

US-08-599-738A-12  
Sequence 12, Application US/08599738A  
Patent No. 6380368

GENERAL INFORMATION:

APPLICANT: FROELER, BRIAN

APPLICANT: WAGNER, RICK

APPLICANT: MATTEUCCI, MARK

APPLICANT: JONES, ROBERT J.

APPLICANT: GUTIERREZ, ARNOLD J.

TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESS:

ADDRESSEE: GILEAD SCIENCES, INC.

STREET: 353 Lakeside Drive

CITY: Foster City

STATE: California

COUNTRY: USA

ZIP: 94404

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/599,738A

FILING DATE: 12-FEB-1996

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/473,481

FILING DATE: 07-JUN-1995

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/976,103

FILING DATE: 25-NOV-1992

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/338,352

FILING DATE: 14-NOV-1994

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/935,444

FILING DATE: 25-AUG-1992

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/799,824

FILING DATE: 26-NOV-1991

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: MUENCHAU, DARYL D.

```

;
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 162.3D2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
;
; TELEX:
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-599-738A-12

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196
Db 1 AAAAAGAGAGAGAGA 15

RESULT 1011
US-08-599-738A-40/c
; Sequence 40, Application US/08599738A
; Patent No. 6380368
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,738A
; FILING DATE: 12-FEB-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/473,481
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/976,103
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/965,941
; FILING DATE: 23-OCT-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/338,352
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/935,444
; FILING DATE: 25-AUG-1992
; CLASSIFICATION: 536
;

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;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/799,824
; FILING DATE: 26-NOV-1991
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 162.3D2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
;
; TELEX:
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-599-738A-40

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196
Db 15 AAAAAGAGAGAGAGA 1

RESULT 1012
US-08-599-738A-49
; Sequence 49, Application US/08599738A
; Patent No. 6380368
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,738A
; FILING DATE: 12-FEB-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/473,481
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/976,103
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/965,941
; FILING DATE: 23-OCT-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/338,352
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/935,444
; FILING DATE: 25-AUG-1992
; CLASSIFICATION: 536
;

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FILING DATE: 14-NOV-1994  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/935,444  
FILING DATE: 25-AUG-1992  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/799,824  
FILING DATE: 26-NOV-1991  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 162,3D2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 573-4712  
TELEFAX: (415) 573-4899  
TELEX:  
INFORMATION FOR SEQ ID NO: 49:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-599-738A-49

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196  
DB 1 AAAAAAGAGAGAGA 15

RESULT 1013  
US-09-400-502-23  
Sequence 23, Application US/09400502  
Patent No. 6414127  
GENERAL INFORMATION:  
APPLICANT: Lin, Kuei-Ying  
APPLICANT: Matteucci, Mark D.  
TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners  
FILE REFERENCE: GLIS0127  
CURRENT APPLICATION NUMBER: US/09/400,502  
CURRENT FILING DATE: 1999-09-21  
PRIOR APPLICATION NUMBER: 08/966,392  
PRIOR FILING DATE: 1997-11-07  
NUMBER OF SEQ ID NOS: 25  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 23  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: No. 6414127el Sequence  
US-09-400-502-23

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196  
DB 1 AAAAAAGAGAGAGA 15

RESULT 1014  
US-09-400-502-24  
Sequence 24, Application US/09400502  
Patent No. 6414127  
GENERAL INFORMATION:  
APPLICANT: Lin, Kuei-Ying

APPLICANT: Matteucci, Mark D.  
TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners  
FILE REFERENCE: GLIS0127  
CURRENT APPLICATION NUMBER: US/09/400,502  
CURRENT FILING DATE: 1999-09-21  
PRIOR APPLICATION NUMBER: 08/966,392  
PRIOR FILING DATE: 1997-11-07  
NUMBER OF SEQ ID NOS: 25  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 24  
LENGTH: 15  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: No. 6414127el Sequence  
US-09-400-502-24

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196  
DB 1 AAAAAAGAGAGAGA 15

RESULT 1015  
US-08-906-378-2/c  
Sequence 2, Application US/08906378B  
Patent No. 6447998  
GENERAL INFORMATION:  
APPLICANT: Froehler, Brian C  
APPLICANT: Gutierrez, Arnold J  
APPLICANT: Matteucci, Mark D  
TITLE OF INVENTION: 2'-Aminopyridine and 2'-Pyridone C-Nucleosides  
FILE REFERENCE: GLIS0113  
CURRENT APPLICATION NUMBER: US/08/906,378B  
CURRENT FILING DATE: 1997-08-05  
NUMBER OF SEQ ID NOS: 9  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 2  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: No. 6447998el Sequence  
US-08-906-378-2

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196  
DB 15 AAAAAAGAGAGAGA 1

RESULT 1016  
US-08-906-378-9/c  
Sequence 9, Application US/08906378B  
Patent No. 6447998  
GENERAL INFORMATION:  
APPLICANT: Froehler, Brian C  
APPLICANT: Gutierrez, Arnold J  
APPLICANT: Matteucci, Mark D  
TITLE OF INVENTION: 2'-Aminopyridine and 2'-Pyridone C-Nucleosides  
FILE REFERENCE: GLIS0113  
CURRENT APPLICATION NUMBER: US/08/906,378B  
CURRENT FILING DATE: 1997-08-05  
NUMBER OF SEQ ID NOS: 9  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 9  
LENGTH: 15

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: DNA/RNA
; OTHER INFORMATION: Mixed Oligomer
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6447998e1 Sequence
US-08-906-378-9
```

```

Query Match
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY 1182 AGAAGAGAGAGAGA 1196
Db 15 AAAAAGAGAGAGAGA 1
```

```

RESULT 1017
US-09-475-947A-164/C
; Sequence 164, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTS00667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 164
; LENGTH: 15
; TYPE: DNA
; ORGANISM: human
US-09-475-947A-164
```

```

Query Match
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 5394 AAAAATGCAAAA 5408
Db 15 AAAAATGCAAAA 1
```

```

RESULT 1018
US-09-717-422-2/C
; Sequence 2, Application US/09717422
; Patent No. 6495672
; GENERAL INFORMATION:
; APPLICANT: Froehner, Brian C.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Maltucci, Mark D.
; TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides
; FILE REFERENCE: GLIS0142
; CURRENT APPLICATION NUMBER: US/09/717,422
; CURRENT FILING DATE: 2000-11-21
; PRIOR APPLICATION NUMBER: 08/906,378
; PRIOR FILING DATE: 1997-08-05
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6495672e1 Sequence
US-09-717-422-2
```

```

Query Match
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1182 AGAAGAGAGAGAGA 1196
Db 15 AAAAAGAGAGAGAGA 1
```

```

RESULT 1019
US-09-612-531-4/C
; Sequence 4, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-612-531-4
```

```

Query Match
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY 1186 AGAGAGAGAGAAA 1200
Db 15 AGAGAGAGAGAAA 1
```

```

RESULT 1020
US-09-612-531-8/C
; Sequence 8, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 8
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (1)..(5)
; OTHER INFORMATION: T*2'-O-[2-(guanidinium)ethyl]
US-09-612-531-8
```

```

Query Match
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 1186 AGAGAGAGAGAGAAA 1200  
|||||  
Db 15 AGAGAGAGAGAGAAA 1

## RESULT 1021

US-09-612-531-9/c  
; Sequence 9, Application US/09612531  
; Patent No. 6534639  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip Dan  
; APPLICANT: Prakash, Thazha P.  
; APPLICANT: Mohan, Venkatraman  
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods  
; FILE REFERENCE: 1818-4406  
; CURRENT APPLICATION NUMBER: US/09/612,531  
; CURRENT FILING DATE: 2000-07-07  
; PRIOR APPLICATION NUMBER: 09/349,040  
; PRIOR FILING DATE: 1999-07-07  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 9  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide  
; NAME/KEY: misc\_feature  
; LOCATION: (2)..(2)  
; OTHER INFORMATION: T\*=2'-O-[2-(guanidinium) ethyl]  
; NAME/KEY: misc\_feature  
; LOCATION: (5)..(5)  
; OTHER INFORMATION: T\*=2'-O-[2-(guanidinium) ethyl]  
; NAME/KEY: misc\_feature  
; LOCATION: (9)..(9)  
; OTHER INFORMATION: T\*=2'-O-[2-(guanidinium) ethyl]  
; NAME/KEY: misc\_feature  
; LOCATION: (13)..(13)  
; OTHER INFORMATION: T\*=2'-O-[2-(guanidinium) ethyl]  
; US-09-612-531-9

Query Match 0.2%; Score 13.4; DB 1; Length 15;

Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200  
|||||  
Db 15 AGAGAGAGAGAGAAA 1

## RESULT 1022

US-09-612-531-10/c  
; Sequence 10, Application US/09612531  
; Patent No. 6534639  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip Dan  
; APPLICANT: Prakash, Thazha P.  
; APPLICANT: Mohan, Venkatraman  
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods  
; FILE REFERENCE: 1818-4406  
; CURRENT APPLICATION NUMBER: US/09/612,531  
; CURRENT FILING DATE: 2000-07-07  
; PRIOR APPLICATION NUMBER: 09/349,040  
; PRIOR FILING DATE: 1999-07-07  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 10  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

OTHER INFORMATION: Oligonucleotide  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(1)  
; OTHER INFORMATION: T\*=2'-O-[2-(guanidinium) ethyl]  
; NAME/KEY: misc\_feature  
; LOCATION: (3)..(3)  
; OTHER INFORMATION: T\*=2'-O-[2-(guanidinium) ethyl]  
; NAME/KEY: misc\_feature  
; LOCATION: (5)..(5)  
; OTHER INFORMATION: T\*=2'-O-[2-(guanidinium) ethyl]  
; US-09-612-531-10

Query Match 0.2%; Score 13.4; DB 1; Length 15;

Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200  
|||||  
Db 15 AGAGAGAGAGAGAAA 1

## RESULT 1023

US-09-612-531-14/c  
; Sequence 14, Application US/09612531  
; Patent No. 6534639  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip Dan  
; APPLICANT: Prakash, Thazha P.  
; APPLICANT: Mohan, Venkatraman  
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods  
; FILE REFERENCE: 1818-4406  
; CURRENT APPLICATION NUMBER: US/09/612,531  
; CURRENT FILING DATE: 2000-07-07  
; PRIOR APPLICATION NUMBER: 09/349,040  
; PRIOR FILING DATE: 1999-07-07  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 14  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(1)  
; OTHER INFORMATION: T\*=2'-deoxy  
; NAME/KEY: misc\_feature  
; LOCATION: (3)..(3)  
; OTHER INFORMATION: T\*=2'-deoxy  
; NAME/KEY: misc\_feature  
; LOCATION: (5)..(5)  
; OTHER INFORMATION: T\*=2'-deoxy  
; US-09-612-531-14

Query Match 0.2%; Score 13.4; DB 1; Length 15;

Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200  
|||||  
Db 15 AGAGAGAGAGAGAAA 1

## RESULT 1024

US-09-612-531-15/c  
; Sequence 15, Application US/09612531  
; Patent No. 6534639  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip Dan  
; APPLICANT: Prakash, Thazha P.  
; APPLICANT: Mohan, Venkatraman

```

; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Is18-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: T*=2'-O-AE
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: T*=2'-O-AE
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: T*=2'-O-AE
; US-09-612-531-15

```

```

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      1186 AGAGAGAGAGAGAAA 1200
Db       15 AGAGAGAGAGAGAAA 1

```

```

RESULT 1025
US-09-612-531-16/C
; Sequence 16, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Is18-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: T*=2'-O-AP*
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: T*=2'-O-AP*
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: T*=2'-O-AP*
; US-09-612-531-16

```

```

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      1186 AGAGAGAGAGAGAAA 1200

```

```

Db       15 AGAGAGAGAGAGAAA 1

```

```

RESULT 1026
US-09-612-531-17/C
; Sequence 17, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Is18-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: T*=2'-O-GE
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: T*=2'-O-GE
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: T*=2'-O-GE
; US-09-612-531-17

```

```

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      1186 AGAGAGAGAGAGAAA 1200
Db       15 AGAGAGAGAGAGAAA 1

```

```

RESULT 1027
US-09-612-531-18/C
; Sequence 18, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Is18-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: T*=2'-deoxy

```

```

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```



```
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(5)
/ OTHER INFORMATION: T*=2'-deoxy
/ NAME/KEY: misc_feature
/ LOCATION: (9)..(9)
/ OTHER INFORMATION: T*=2'-deoxy
/ NAME/KEY: misc_feature
/ LOCATION: (13)..(13)
/ OTHER INFORMATION: T*=2'-deoxy
US-09-612-531-18
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```
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 1186 AGAGAGAGAGAGAAA 1200
Db 15 AGAGAGAGAGAGAAA 1
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```
RESULT 1028
US-09-612-531-19/c
/ Sequence 19, Application US/09612531
/ Patent No. 6534639
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Philip Dan
/ APPLICANT: Prakash, Thazha P.
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
/ FILE REFERENCE: 1a1s-4406
/ CURRENT APPLICATION NUMBER: US/09/612,531
/ PRIOR FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: 09/349,040
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 19
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: misc_feature
/ LOCATION: (2)..(2)
/ OTHER INFORMATION: T*=2'-O-AE
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(5)
/ OTHER INFORMATION: T*=2'-O-AE
/ NAME/KEY: misc_feature
/ LOCATION: (9)..(9)
/ OTHER INFORMATION: T*=2'-O-AE
/ NAME/KEY: misc_feature
/ LOCATION: (13)..(13)
/ OTHER INFORMATION: T*=2'-O-AE
US-09-612-531-19
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```
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 1186 AGAGAGAGAGAGAAA 1200
Db 15 AGAGAGAGAGAGAAA 1
```

```
RESULT 1029
US-09-612-531-20/c
/ Sequence 20, Application US/09612531
/ Patent No. 6534639
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Philip Dan
```

```
/ APPLICANT: Prakash, Thazha P.
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
/ FILE REFERENCE: 1a1s-4406
/ CURRENT APPLICATION NUMBER: US/09/612,531
/ PRIOR FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: 09/349,040
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 20
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: misc_feature
/ LOCATION: (2)..(2)
/ OTHER INFORMATION: T*=2'-O-AP*
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(5)
/ OTHER INFORMATION: T*=2'-O-AP*
/ NAME/KEY: misc_feature
/ LOCATION: (9)..(9)
/ OTHER INFORMATION: T*=2'-O-AP*
/ NAME/KEY: misc_feature
/ LOCATION: (13)..(13)
/ OTHER INFORMATION: T*=2'-O-AP*
US-09-612-531-20
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 1186 AGAGAGAGAGAGAAA 1200
Db 15 AGAGAGAGAGAGAAA 1
```

```
RESULT 1030
US-09-612-531-21/c
/ Sequence 21, Application US/09612531
/ Patent No. 6534639
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Philip Dan
/ APPLICANT: Prakash, Thazha P.
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
/ FILE REFERENCE: 1a1s-4406
/ CURRENT APPLICATION NUMBER: US/09/612,531
/ PRIOR FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: 09/349,040
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 21
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: misc_feature
/ LOCATION: (2)..(2)
/ OTHER INFORMATION: T*=2'-O-GB
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(5)
/ OTHER INFORMATION: T*=2'-O-GB
/ NAME/KEY: misc_feature
/ LOCATION: (9)..(9)
/ OTHER INFORMATION: T*=2'-O-GB
/ NAME/KEY: misc_feature
/ LOCATION: (13)..(13)
```

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; OTHER INFORMATION: T*=2'-O-GE
US-09-612-531-21

Query Match
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200
Db 15 AGAGAGAGAGAGAAA 1

RESULT 1031
US-09-612-531-22/c
; Sequence 22, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)..(5)
; OTHER INFORMATION: T*=2'-deoxy
US-09-612-531-22

Query Match
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200
Db 15 AGAGAGAGAGAGAAA 1

RESULT 1032
US-09-612-531-23/c
; Sequence 23, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
US-09-612-531-24/c
; Sequence 24, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)..(5)
; OTHER INFORMATION: T*=2'-O-AP*
US-09-612-531-25/c
; Sequence 25, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
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NAME/KEY: misc\_feature  
LOCATION: (1)..(5)  
OTHER INFORMATION: T\*=2-O-GC  
US-09-612-531-25

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200  
DB 15 AGAGAGAGAGAGAAA 1

RESULT 1035  
US-09-142-212A-3/c  
Sequence 3, Application US/09142212A  
Patent No. 6562960  
GENERAL INFORMATION:  
APPLICANT: Baxter, Anthony David  
APPLICANT: Collingwood, Stephen Paul  
APPLICANT: Douglas, Mark Edward  
APPLICANT: Taylor, Roger John  
TITLE OF INVENTION: Oligonucleotide Analogues  
FILE REFERENCE: IS184385  
CURRENT APPLICATION NUMBER: US/09/142,212A  
CURRENT FILING DATE: 1998-10-09  
PRIOR APPLICATION NUMBER: 97/00499  
PRIOR FILING DATE: 1997-02-24  
NUMBER OF SEQ ID NOS: 13  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 3  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
NAME/KEY: misc\_feature  
LOCATION: (4)  
OTHER INFORMATION: Modified Internucleoside linkage  
US-09-142-212A-3

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200  
DB 15 AGAGAGAGAGAGAAA 1

RESULT 1036  
US-09-142-212A-4/c  
Sequence 4, Application US/09142212A  
Patent No. 6562960  
GENERAL INFORMATION:  
APPLICANT: Baxter, Anthony David  
APPLICANT: Collingwood, Stephen Paul  
APPLICANT: Douglas, Mark Edward  
APPLICANT: Taylor, Roger John  
TITLE OF INVENTION: Oligonucleotide Analogues  
FILE REFERENCE: IS184385  
CURRENT APPLICATION NUMBER: US/09/142,212A  
CURRENT FILING DATE: 1998-10-09  
PRIOR APPLICATION NUMBER: 97/00499  
PRIOR FILING DATE: 1997-02-24  
NUMBER OF SEQ ID NOS: 13  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 4  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence

FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
NAME/KEY: misc\_feature  
LOCATION: (4)  
OTHER INFORMATION: Modified Internucleoside linkage  
NAME/KEY: misc\_feature  
LOCATION: (5)  
OTHER INFORMATION: A thymidine residue having an alpha-methoxy group  
OTHER INFORMATION: present at the 2'-position rather than a hydrogen  
OTHER INFORMATION: atom  
US-09-142-212A-4

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200  
DB 15 AGAGAGAGAGAGAAA 1

RESULT 1037  
US-09-142-212A-5/c  
Sequence 5, Application US/09142212A  
Patent No. 6562960  
GENERAL INFORMATION:  
APPLICANT: Baxter, Anthony David  
APPLICANT: Collingwood, Stephen Paul  
APPLICANT: Douglas, Mark Edward  
APPLICANT: Taylor, Roger John  
TITLE OF INVENTION: Oligonucleotide Analogues  
FILE REFERENCE: IS184385  
CURRENT APPLICATION NUMBER: US/09/142,212A  
CURRENT FILING DATE: 1998-10-09  
PRIOR APPLICATION NUMBER: 97/00499  
PRIOR FILING DATE: 1997-02-24  
NUMBER OF SEQ ID NOS: 13  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 5  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
NAME/KEY: misc\_feature  
LOCATION: (5)  
OTHER INFORMATION: Modified Internucleoside linkage  
US-09-142-212A-5

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200  
DB 15 AGAGAGAGAGAGAAA 1

RESULT 1038  
US-09-142-212A-6/c  
Sequence 6, Application US/09142212A  
Patent No. 6562960  
GENERAL INFORMATION:  
APPLICANT: Baxter, Anthony David  
APPLICANT: Collingwood, Stephen Paul  
APPLICANT: Douglas, Mark Edward  
APPLICANT: Taylor, Roger John  
TITLE OF INVENTION: Oligonucleotide Analogues  
FILE REFERENCE: IS184385  
CURRENT APPLICATION NUMBER: US/09/142,212A  
CURRENT FILING DATE: 1998-10-09

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/ FILE REFERENCE: 97/00499
/ PRIOR FILING DATE: 1997-02-24
/ NUMBER OF SEQ ID NOS: 13
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 6
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(5)
/ OTHER INFORMATION: Modified internucleoside linkage
US-09-142-212A-6

Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
DB      15 AGAGAGAGAGAGAAA 1

RESULT 1039
US-09-142-212A-9/c
/ Sequence 9, Application US/09142212A
/ Patent No. 6562960
/ GENERAL INFORMATION:
/ APPLICANT: Baxter, Anthony David
/ APPLICANT: Collingwood, Stephen Paul
/ APPLICANT: Douglas, Mark Edward
/ APPLICANT: Taylor, Roger John
/ TITLE OF INVENTION: Oligonucleotide Analogues
/ FILE REFERENCE: ISIS4385
/ CURRENT APPLICATION NUMBER: US/09/142,212A
/ CURRENT FILING DATE: 1998-10-09
/ PRIOR APPLICATION NUMBER: 97/100499
/ PRIOR FILING DATE: 1997-02-24
/ NUMBER OF SEQ ID NOS: 13
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 9
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(6)
/ OTHER INFORMATION: Modified internucleoside linkage
US-09-142-212A-9

Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
DB      15 AGAGAGAGAGAGAAA 1

RESULT 1040
US-09-142-212A-13/c
/ Sequence 13, Application US/09142212A
/ Patent No. 6562960
/ GENERAL INFORMATION:
/ APPLICANT: Baxter, Anthony David
/ APPLICANT: Collingwood, Stephen Paul
/ APPLICANT: Douglas, Mark Edward
/ APPLICANT: Taylor, Roger John
/ TITLE OF INVENTION: Oligonucleotide Analogues
```

```
/ FILE REFERENCE: ISIS4385
/ CURRENT APPLICATION NUMBER: US/09/142,212A
/ CURRENT FILING DATE: 1998-10-09
/ PRIOR APPLICATION NUMBER: 97/00499
/ PRIOR FILING DATE: 1997-02-24
/ NUMBER OF SEQ ID NOS: 13
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 13
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ NAME/KEY: misc_feature
/ LOCATION: (4)
/ OTHER INFORMATION: A nucleoside unit derived from Compound M
US-09-142-212A-13

Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
DB      15 AGAGAGAGAGAGAAA 1

RESULT 1041
US-09-325-601-4
/ Sequence 4, Application US/09325601
/ Patent No. 6573045
/ GENERAL INFORMATION:
/ APPLICANT: Karn
/ APPLICANT: Prescott
/ TITLE OF INVENTION: Methods and Kits for Discovery of RNA-Binding Compounds
/ FILE REFERENCE: 3950/81235
/ CURRENT APPLICATION NUMBER: US/09/325,601
/ CURRENT FILING DATE: 1999-06-03
/ NUMBER OF SEQ ID NOS: 53
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 4
/ LENGTH: 15
/ TYPE: RNA
/ ORGANISM: Human immunodeficiency virus
US-09-325-601-4

Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 6.3e+02;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      2233 CTCTGCTCTCTGCT 2247
DB      1 CGCTGCTCTCTGCT 15

RESULT 1042
US-09-349-040A-6/c
/ Sequence 6, Application US/09349040A
/ Patent No. 6593466
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip Dan
/ APPLICANT: Prakash, Thazha
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Functionalized Oligomers
/ FILE REFERENCE: ISIS-3811
/ CURRENT APPLICATION NUMBER: US/09/349,040A
/ CURRENT FILING DATE: 1999-07-07
/ NUMBER OF SEQ ID NOS: 10
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 6
/ LENGTH: 15
```

TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
OTHER INFORMATION: No. 6593466el Sequence  
US-09-349-040A-6

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200  
DB 15 AGAGAGAGAGAGAAA 1

RESULT 1043  
US-09-349-040A-7/c  
Sequence 7, Application US/09349040A  
Patent No. 6593466  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Prakash, Thazha  
APPLICANT: Mohan, Venkataraman  
TITLE OF INVENTION: Functionalized Oligomers  
FILE REFERENCE: ISIS-3811  
CURRENT APPLICATION NUMBER: US/09/349,040A  
CURRENT FILING DATE: 1999-07-07  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 7  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
OTHER INFORMATION: No. 6593466el Sequence  
US-09-349-040A-7

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200  
DB 15 AGAGAGAGAGAGAAA 1

RESULT 1044  
US-09-349-040A-8/c  
Sequence 8, Application US/09349040A  
Patent No. 6593466  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Prakash, Thazha  
APPLICANT: Mohan, Venkataraman  
TITLE OF INVENTION: Functionalized Oligomers  
FILE REFERENCE: ISIS-3811  
CURRENT APPLICATION NUMBER: US/09/349,040A  
CURRENT FILING DATE: 1999-07-07  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 8  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
OTHER INFORMATION: No. 6593466el Sequence  
US-09-349-040A-8

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200  
DB 15 AGAGAGAGAGAGAAA 1

RESULT 1045  
US-09-753-943D-3/c  
Sequence 3, Application US/09753943D  
Patent No. 6670468  
GENERAL INFORMATION:  
APPLICANT: Cuenoud, Bernard  
APPLICANT: Altmann, Karl-Heinz  
APPLICANT: Martin, Pierre  
APPLICANT: Moser, Heinz Ernst  
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives  
FILE REFERENCE: 4-20890B/C1  
CURRENT APPLICATION NUMBER: US/09/753,943D  
CURRENT FILING DATE: 2001-01-03  
PRIOR APPLICATION NUMBER: 09/194,844  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/EP97/02738  
PRIOR FILING DATE: 1998-05-27  
PRIOR APPLICATION NUMBER: Switzerland 1432/96  
PRIOR FILING DATE: 1996-06-06  
NUMBER OF SEQ ID NOS: 22  
SEQ ID NO 3  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: synthesized  
NAME/KEY: misc\_feature  
LOCATION: 5  
OTHER INFORMATION: 2'-substituted sugar  
US-09-753-943D-3

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200  
DB 15 AGAGAGAGAGAGAAA 1

RESULT 1046  
US-09-753-943D-4/c  
Sequence 4, Application US/09753943D  
Patent No. 6670468  
GENERAL INFORMATION:  
APPLICANT: Cuenoud, Bernard  
APPLICANT: Altmann, Karl-Heinz  
APPLICANT: Martin, Pierre  
APPLICANT: Moser, Heinz Ernst  
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives  
FILE REFERENCE: 4-20890B/C1  
CURRENT APPLICATION NUMBER: US/09/753,943D  
CURRENT FILING DATE: 2001-01-03  
PRIOR APPLICATION NUMBER: 09/194,844  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/EP97/02738  
PRIOR FILING DATE: 1998-05-27  
PRIOR APPLICATION NUMBER: Switzerland 1432/96  
PRIOR FILING DATE: 1996-06-06  
NUMBER OF SEQ ID NOS: 22  
SEQ ID NO 4  
LENGTH: 15  
TYPE: DNA

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc_feature
; LOCATION: 5' 7_9, 11 and 13
; OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-4
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1186 AGAGAGAGAGAGAAA 1200
Db       15 AGAGAGAGAGAGAAA 1
```

```
RESULT 1047
US-09-753-943D-6/c
; Sequence 6, Application US/09753943D
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-208908/C1
; CURRENT APPLICATION NUMBER: US/09/753,943D
; PRIOR FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194,844
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc_feature
; LOCATION: 1-5
; OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-6
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1186 AGAGAGAGAGAGAAA 1200
Db       15 AGAGAGAGAGAGAAA 1
```

```
RESULT 1048
US-09-753-943D-7/c
; Sequence 7, Application US/09753943D
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-208908/C1
; CURRENT APPLICATION NUMBER: US/09/753,943D
; PRIOR FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194,844
```

```

; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 7
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc_feature
; LOCATION: 5-14
; OTHER INFORMATION: 2'-substituted sugar
; NAME/KEY: modified base
; LOCATION: 6, 8, 10, 12, 14
; OTHER INFORMATION: 5-methyl cytosine
US-09-753-943D-7
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1186 AGAGAGAGAGAGAAA 1200
Db       15 AGAGAGAGAGAGAAA 1
```

```
RESULT 1049
US-09-753-943D-8/c
; Sequence 8, Application US/09753943D
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-208908/C1
; CURRENT APPLICATION NUMBER: US/09/753,943D
; PRIOR FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194,844
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 8
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc_feature
; LOCATION: 1-14
; OTHER INFORMATION: 2'-substituted sugar
; NAME/KEY: modified base
; LOCATION: 6, 8, 10, 12, 14
; OTHER INFORMATION: 5-methyl cytosine
US-09-753-943D-8
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1186 AGAGAGAGAGAGAAA 1200
Db       15 AGAGAGAGAGAGAAA 1
```

Db 15 AGAGAGAGAGAAAA 1

RESULT 1050  
US-09-753-943D-9/c  
Sequence 9, Application US/09753943D  
Patent No. 6670468  
GENERAL INFORMATION:  
APPLICANT: Cuenoud, Bernard  
APPLICANT: Altmann, Karl-Heinz  
APPLICANT: Moser, Heinz Ernst  
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives  
FILE REFERENCE: 4-208908/CI  
CURRENT APPLICATION NUMBER: US/09/753, 943D  
CURRENT FILING DATE: 2001-01-03  
PRIOR APPLICATION NUMBER: 09/194,844  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/EP97/02738  
PRIOR FILING DATE: 1998-05-27  
PRIOR APPLICATION NUMBER: Switzerland 1432/96  
PRIOR FILING DATE: 1996-06-06  
NUMBER OF SEQ ID NOS: 22  
SEQ ID NO 9  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: synthesized  
NAME/KEY: misc\_feature  
LOCATION: 5-14\_feature  
OTHER INFORMATION: 2'-substituted sugar  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 6, 8, 10, 12, 14  
OTHER INFORMATION: 5-methyl cytosine  
US-09-753-943D-9

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAAAA 1200  
Db 15 AGAGAGAGAGAAAA 1

RESULT 1051  
US-09-753-943D-10  
Sequence 10, Application US/09753943D  
Patent No. 6670468  
GENERAL INFORMATION:  
APPLICANT: Cuenoud, Bernard  
APPLICANT: Altmann, Karl-Heinz  
APPLICANT: Moser, Heinz Ernst  
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives  
FILE REFERENCE: 4-208908/CI  
CURRENT APPLICATION NUMBER: US/09/753, 943D  
CURRENT FILING DATE: 2001-01-03  
PRIOR APPLICATION NUMBER: 09/194,844  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/EP97/02738  
PRIOR FILING DATE: 1998-05-27  
PRIOR APPLICATION NUMBER: Switzerland 1432/96  
PRIOR FILING DATE: 1996-06-06  
NUMBER OF SEQ ID NOS: 22  
SEQ ID NO 10  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:

OTHER INFORMATION: synthesized  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 11  
OTHER INFORMATION: 2'-substituted sugar  
US-09-753-943D-10

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAAAA 1200  
Db 1 AGAGAGAGAGAAAA 15

RESULT 1052  
US-09-753-943D-11  
Sequence 11, Application US/09753943D  
Patent No. 6670468  
GENERAL INFORMATION:  
APPLICANT: Cuenoud, Bernard  
APPLICANT: Altmann, Karl-Heinz  
APPLICANT: Moser, Heinz Ernst  
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives  
FILE REFERENCE: 4-208908/CI  
CURRENT APPLICATION NUMBER: US/09/753, 943D  
CURRENT FILING DATE: 2001-01-03  
PRIOR APPLICATION NUMBER: 09/194,844  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/EP97/02738  
PRIOR FILING DATE: 1998-05-27  
PRIOR APPLICATION NUMBER: Switzerland 1432/96  
PRIOR FILING DATE: 1996-06-06  
NUMBER OF SEQ ID NOS: 22  
SEQ ID NO 11  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: synthesized  
NAME/KEY: misc\_feature  
LOCATION: 3, 5, 7, 9, 11  
OTHER INFORMATION: 2'-substituted sugar  
US-09-753-943D-11

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAAAA 1200  
Db 1 AGAGAGAGAGAAAA 15

RESULT 1053  
US-09-753-943D-12  
Sequence 12, Application US/09753943D  
Patent No. 6670468  
GENERAL INFORMATION:  
APPLICANT: Cuenoud, Bernard  
APPLICANT: Altmann, Karl-Heinz  
APPLICANT: Moser, Heinz Ernst  
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives  
FILE REFERENCE: 4-208908/CI  
CURRENT APPLICATION NUMBER: US/09/753, 943D  
CURRENT FILING DATE: 2001-01-03  
PRIOR APPLICATION NUMBER: 09/194,844  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: PCT/EP97/02738

```

; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 12
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc feature
; LOCATION: 11-14
; OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-12

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
Db      1 AGAGAGAGAGAGAAA 15

RESULT 1054
US-09-753-943D-13
; Sequence 13, Application US/09753943D
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-208908/C1
; CURRENT APPLICATION NUMBER: US/09/753, 943D
; CURRENT FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194, 844
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc feature
; LOCATION: 2-11
; OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-13

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
Db      1 AGAGAGAGAGAGAAA 15

RESULT 1055
US-10-294-203-4
; Sequence 4, Application US/10294203
; Patent No. 6753168
; GENERAL INFORMATION:
; APPLICANT: Froehner, Brian
; APPLICANT: Wagner, Rick
```

```

; APPLICANT: Mateucci, Mark
; APPLICANT: Jones, Robert J.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Pudlo, Jeff
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
; TITLE OF INVENTION: Containing Modified Pyrimidines
; FILE REFERENCE: GLIS0155
; CURRENT APPLICATION NUMBER: US/10/294, 203
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 08/599, 738
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: 10/024, 818
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-294-203-4

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
Db      1 AGAGAGAGAGAGAAA 15

RESULT 1056
US-10-294-203-6
; Sequence 6, Application US/10294203
; Patent No. 6753168
; GENERAL INFORMATION:
; APPLICANT: Froehner, Brian
; APPLICANT: Wagner, Rick
; APPLICANT: Mateucci, Mark
; APPLICANT: Jones, Robert J.
; APPLICANT: Gutierrez, Arnold J.
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
; TITLE OF INVENTION: Containing Modified Pyrimidines
; FILE REFERENCE: GLIS0155
; CURRENT APPLICATION NUMBER: US/10/294, 203
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 08/599, 738
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: 10/024, 818
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-294-203-6

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1182 AGAAAGAGAGAGAGA 1196
Db      1 AAAAAGAGAGAGAGA 15

RESULT 1057
US-10-294-203-12
```



```
/ Sequence 12, Application US/10294203
/ Patent No. 6753168
/ GENERAL INFORMATION:
/ APPLICANT: Froehner, Brian
/ APPLICANT: Wagner, Rick
/ APPLICANT: Mateucci, Mark
/ APPLICANT: Jones, Robert J.
/ APPLICANT: Gutierrez, Arnold J.
/ APPLICANT: Pudlo, Jeff
/ TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
/ TITLE OF INVENTION: Containing Modified Pyrimidines
/ FILE REFERENCE: GLIS0155
/ CURRENT APPLICATION NUMBER: US/10/294,203
/ CURRENT FILING DATE: 2002-01-22
/ PRIOR APPLICATION NUMBER: 08/599,738
/ PRIOR FILING DATE: 1996-02-12
/ PRIOR APPLICATION NUMBER: 10/024,818
/ PRIOR FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 54
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 12
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic construct
US-10-294-203-12
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1182 AGAAGAGAGAGAGA 1196
DB 1 AAAAAAGAGAGAGA 15
```

```
RESULT 1058
US-10-294-203-40/c
/ Sequence 40, Application US/10294203
/ Patent No. 6753168
/ GENERAL INFORMATION:
/ APPLICANT: Froehner, Brian
/ APPLICANT: Wagner, Rick
/ APPLICANT: Mateucci, Mark
/ APPLICANT: Jones, Robert J.
/ APPLICANT: Gutierrez, Arnold J.
/ APPLICANT: Pudlo, Jeff
/ TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
/ TITLE OF INVENTION: Containing Modified Pyrimidines
/ FILE REFERENCE: GLIS0155
/ CURRENT APPLICATION NUMBER: US/10/294,203
/ CURRENT FILING DATE: 2002-01-22
/ PRIOR APPLICATION NUMBER: 08/599,738
/ PRIOR FILING DATE: 1996-02-12
/ PRIOR APPLICATION NUMBER: 10/024,818
/ PRIOR FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 54
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 40
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic construct
US-10-294-203-40
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1182 AGAAGAGAGAGAGA 1196
DB 1 AAAAAAGAGAGAGA 15
```

```
DB 15 AAAAAAGAGAGAGA 1
```

```
RESULT 1059
US-10-294-203-49
/ Sequence 49, Application US/10294203
/ Patent No. 6753168
/ GENERAL INFORMATION:
/ APPLICANT: Froehner, Brian
/ APPLICANT: Wagner, Rick
/ APPLICANT: Mateucci, Mark
/ APPLICANT: Jones, Robert J.
/ APPLICANT: Gutierrez, Arnold J.
/ APPLICANT: Pudlo, Jeff
/ TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
/ TITLE OF INVENTION: Containing Modified Pyrimidines
/ FILE REFERENCE: GLIS0155
/ CURRENT APPLICATION NUMBER: US/10/294,203
/ CURRENT FILING DATE: 2002-01-22
/ PRIOR APPLICATION NUMBER: 08/599,738
/ PRIOR FILING DATE: 1996-02-12
/ PRIOR APPLICATION NUMBER: 10/024,818
/ PRIOR FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 54
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 49
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic construct
US-10-294-203-49
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1182 AGAAGAGAGAGAGA 1196
DB 1 AAAAAAGAGAGAGA 15
```

```
RESULT 1060
US-09-856-662-78
/ Sequence 78, Application US/09856662
/ Patent No. 6790616
/ GENERAL INFORMATION:
/ APPLICANT: MORIBE, Toyoki et al.
/ TITLE OF INVENTION: Method for typing HLA class 1 genes
/ FILE REFERENCE: 0032-0261P
/ CURRENT APPLICATION NUMBER: US/09/856,662
/ CURRENT FILING DATE: 2001-05-24
/ PRIOR APPLICATION NUMBER: JP P1998-335151
/ PRIOR FILING DATE: 1998-11-26
/ NUMBER OF SEQ ID NOS: 130
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 78
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:DNA probe C-33
US-09-856-662-78
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4549 GAGCAGCTGATAGCC 4563
DB 1 GAGCAGCTGAGAGCC 15
```

RESULT 1061  
US-08-086-630C-179/C  
Sequence 179, Application US/08086630C  
Patent No. 5747449  
GENERAL INFORMATION:  
APPLICANT: Ignace Laesters, Marc De Maeyer  
TITLE OF INVENTION: BOVINE PANCREATIC TRYPSIN INHIBITOR  
NUMBER OF SEQUENCES: 284  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 611 West Sixth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90017  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44Mb storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM MS-DOS (Version 5.0)  
SOFTWARE: Wordperfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/086,630C  
FILING DATE: July 1, 1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 07/913,232  
FILING DATE: July 13, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 202/210  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
INFORMATION FOR SEQ ID NO: 179:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-086-630C-179

Query Match 0.2%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 6.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1365 GCTACTTCTACAAG 1379  
DB 15 GCTACTTCTACAAG 1

RESULT 1062  
US-08-086-328C-171/C  
Sequence 171, Application US/08086328C  
Patent No. 5807980  
GENERAL INFORMATION:  
APPLICANT: Ignace Laesters, Marc De Maeyer  
TITLE OF INVENTION: BOVINE PANCREATIC TRYPSIN INHIBITOR  
NUMBER OF SEQUENCES: 284  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 611 West Sixth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA

ZIP: 90017  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44Mb storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM MS-DOS (Version 5.0)  
SOFTWARE: Wordperfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/086,328C  
FILING DATE: July 1, 1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 07/952,801  
FILING DATE: September 25, 1992  
APPLICATION NUMBER: 07/913,232  
FILING DATE: July 13, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 202/211  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
INFORMATION FOR SEQ ID NO: 171:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-086-328C-171

Query Match 0.2%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 6.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1365 GCTACTTCTACAAG 1379  
DB 15 GCTACTTCTACAAG 1

RESULT 1063  
US-08-282-197C-37/C  
Sequence 37, Application US/08282197C  
Patent No. 5871730  
GENERAL INFORMATION:  
APPLICANT: Dery, Claude V  
TITLE OF INVENTION: Thermostable Xylanase DNA, Protein and  
NUMBER OF SEQUENCES: 67  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
STREET: 1100 New York Ave., NW  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/282,197C  
FILING DATE: 29-JUL-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Cimbala, Michele A  
REGISTRATION NUMBER: 33,851  
REFERENCE/DOCKET NUMBER: 1050,0410000

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 37:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: both  
US-08-282-197C-37

Query Match 0.2%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 6.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1040 CACCCAGCCGCCCA 1054  
DB 16 CACCTAACGCCCCA 2

RESULT 1064  
US-09-531-000-22/c  
Sequence 22, Application US/09531000  
Patent No. 6461810  
GENERAL INFORMATION:  
APPLICANT: JOHNSON, Marion D.  
TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION  
FILE REFERENCE: 2448-103  
CURRENT APPLICATION NUMBER: US/09/531,000  
CURRENT FILING DATE: 2000-09-08  
PRIOR APPLICATION NUMBER: PCT/US98/23765  
PRIOR FILING DATE: 1998-11-10  
PRIOR APPLICATION NUMBER: 60/064,997  
PRIOR FILING DATE: 1997-11-10  
NUMBER OF SEQ ID NOS: 77  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 22  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: Description of Artificial Sequence: Target  
US-09-531-000-22

Query Match 0.2%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 6.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5414 AATGAAATTAAGCA 5428  
DB 15 AATGAAATTAAGCA 1

RESULT 1065  
US-09-475-947A-60/c  
Sequence 60, Application US/09475947A  
Patent No. 6472154  
GENERAL INFORMATION:  
APPLICANT: Garner, Harold R.  
APPLICANT: Wren, Jonathan D.  
TITLE OF INVENTION: Polymorphic Repeats in Human Genes  
FILE REFERENCE: UTS00667  
CURRENT APPLICATION NUMBER: US/09/475,947A  
CURRENT FILING DATE: 1999-12-31  
NUMBER OF SEQ ID NOS: 346  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 60  
LENGTH: 16  
TYPE: DNA  
ORGANISM: human

US-09-475-947A-60

Query Match 0.2%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 6.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 974 TCTCTGCTCACTCC 988  
DB 15 TCTCTGCTCTCTCC 1

RESULT 1066  
US-09-479-005A-461  
Sequence 461, Application US/09479005A  
Patent No. 6656731  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
FILE REFERENCE: MBH00-884-C  
CURRENT APPLICATION NUMBER: US/09/479,005A  
CURRENT FILING DATE: 2000-01-07  
PRIOR APPLICATION NUMBER: US 09/444,209  
PRIOR FILING DATE: 1999-11-19  
PRIOR APPLICATION NUMBER: US 09/159,274  
PRIOR FILING DATE: 1998-09-22  
PRIOR APPLICATION NUMBER: US 60/059,473  
PRIOR FILING DATE: 1997-09-22  
NUMBER OF SEQ ID NOS: 1208  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 461  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-479-005A-461

Query Match 0.2%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 66.7%; Pred. No. 6.6e+02;  
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 2037 GTTGCTCAATCAAA 2051  
DB 2 GTTGCTCAATCAAA 16

RESULT 1067  
US-09-155-885A-20/c  
Sequence 20, Application US/09155885A  
Patent No. 6709812  
GENERAL INFORMATION:  
APPLICANT: STUYVER, LIEVEN  
ROSSAU, RUDI  
MAERTENS, GEERT  
TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV  
NUMBER OF SEQUENCES: 313  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NIXON & VANDERHAYE P.C.  
STREET: 1100 NORTH GLEBE ROAD  
CITY: ARLINGTON  
STATE: VIRGINIA  
COUNTRY: U.S.A.  
ZIP: 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30 (BPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/155,885A  
FILING DATE: 08-Oct-1998  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/EP97/02002  
FILING DATE: 21-APR-1997

APPLICATION NUMBER: EP 96870053.4  
FILING DATE: 19-APR-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: SADOFF, B. J.  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 2551-5  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 816-4000  
TELEFAX: (703) 816-4100  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 20:  
US-09-155-885A-20

Query Match 0.2%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 6.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1522 GGGGCTGCTGGAATT 1536  
Db 16 GGGAGCTGCTGGAATT 2

RESULT 1068  
US-07-874-334-3/c  
Sequence 3, Application US/07874334  
Patent No. 5495009  
GENERAL INFORMATION:  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, BOB  
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING  
TITLE OF INVENTION: THIOFORMACETAL LINKAGES  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 755 Page Mill Road  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/874,334  
FILING DATE: 19920424  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 24610-20005.24  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 813-5600  
TELEFAX: (415) 494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: misc\_difference

LOCATION: replace(14, "")  
OTHER INFORMATION: /note= "This position is (OCH2O)."  
FEATURE:  
NAME/KEY: misc\_difference  
LOCATION: replace(16, "")  
OTHER INFORMATION: /note= "This position is (OCH2O)."  
US-07-874-334-3

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 7e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1180 AGGAAAGAGAGAGAGA 1196  
Db 17 ANAAAAAGAGAGAGAGA 1

RESULT 1069  
US-08-390-850-590  
Sequence 590, Application US/08390850  
Patent No. 5612215  
GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Gueltsion, John T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS  
NUMBER OF SEQUENCES: 1151  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/390,850  
FILING DATE: February 17, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487  
FILING DATE: No. 5612215ember 12, 1993  
APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 590:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-390-850-590  
Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 80.0%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 12; Conservative 2; Mismatches 1;

Qy 1486 CTGGATACCCAGAA 1500  
Db 3 CUGGUUACCCAGAA 17

## RESULT 1070

US-08-373-124A-1353/c  
Sequence 1353, Application US/08373124A  
Patent No. 5646042

## GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwigen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage

## OPERATING SYSTEM: IBM P.C. DOS 5.0

## SOFTWARE: Word Perfect 5.1

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373,124A

FILING DATE: January 13, 1995

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992

## ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035

## TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

## INFORMATION FOR SEQ ID NO: 1353:

## SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-373-124A-1353

Query Match 0.2%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;

Matches 14; Conservative 0; Mismatches 1;  
Qy 196 TGCCCAACCCATC 210  
Db 15 TGCCCAACCCATC 1

## RESULT 1071

US-08-435-634-590  
Sequence 590, Application US/08435634

Patent No. 5731295

## GENERAL INFORMATION:

APPLICANT: Draper, Kenneth G.

APPLICANT: Pavco, Pamela

APPLICANT: McSwigen, James

APPLICANT: Gustafson, John

APPLICANT: Stinchcomb, Dan T.

TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT

TITLE OF INVENTION: OF ARTHRITIC CONDITIONS

NUMBER OF SEQUENCES: 1151

## CORRESPONDENCE ADDRESS:

ADDRESSER: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

## OPERATING SYSTEM: IBM P.C. DOS 5.0

## SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,634

FILING DATE: 05-MAY-1995

## CLASSIFICATION: 514

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/390,850

FILING DATE: February 17, 1995

APPLICATION NUMBER: 08/354,920

FILING DATE: December 13, 1994

APPLICATION NUMBER: 08/152,487

FILING DATE: No. 5731295ember 12, 1993

APPLICATION NUMBER: 07/989,848

FILING DATE: December 7, 1992

## ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 211/084

## TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

## INFORMATION FOR SEQ ID NO: 590:

## SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-435-634-590

Qy 1486 CTGGATACCCAGAA 1500  
Db 3 CUGGUUACCCAGAA 17

Query Match 0.2%; Score 13.4; DB 1; Length 17;

Best Local Similarity 80.0%; Pred. No. 7e+02; 2; Indels 0; Gaps 0;

Matches 12; Conservative 2; Mismatches 1;

Qy 196 TGCCCAACCCATC 210  
Db 15 TGCCCAACCCATC 1

RESULT 1072

US-08-257-784A-9/c

Sequence 9, Application US/08257784A

Patent No. 5789551

## GENERAL INFORMATION:

APPLICANT: Pestek, Sidney

TITLE OF INVENTION: Super Proteins Including Interferons,

TITLE OF INVENTION: Interleukins, et al.

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSER: Plevy & Associates

STREET: P.O. Box 1366, 146 Route 1 No. 5789551th  
CITY: Edison  
STATE: New Jersey  
COUNTRY: U.S.A.  
ZIP: 08818-1366  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 1.2 Mb storage  
COMPUTER: IBM Compatible (Intel "386" CPU)  
OPERATING SYSTEM: MS-DOS 5.0  
SOFTWARE: WordPerfect Office 3.0 (ASCII Editor)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/257,784A  
FILING DATE: June 10, 1994  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/076,231  
FILING DATE: June 11, 1993  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Plevy, Arthur L.  
REGISTRATION NUMBER: 24,277  
REFERENCE/DOCKET NUMBER: PESTVA-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (908) 572-5858  
TELEFAX: (908) 572-5963  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-257-784A-9

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 567 CCTGAAGAGAGAGA 581  
Db 15 CCGTAGAGAGAGAGA 1

RESULT 1073  
US-08-758-306-1209  
Sequence 1209, Application US/08758306  
Patent No. 5807743  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: McSwigen, James A.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES  
TITLE OF INVENTION: ASSOCIATED WITH  
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
NUMBER OF SEQUENCES: 1379  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/758,306  
FILING DATE: December 3, 1996

CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 212/132  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1209:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-758-306-1209

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 60.0%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 4154 GCTTCTCCCTCTGG 4168  
Db 3 GCTUACCCCTCTGG 17

RESULT 1074  
US-08-435-628-1353/C  
Sequence 1353, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwigen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1353:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-1353

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 196 TGCCCAACCCCATC 210  
DB 15 TGCCCAACCCCATC 1

RESULT 1075  
US-08-489-066A-13/C  
Sequence 13, Application US/08489066A  
Patent No. 5863293  
GENERAL INFORMATION:  
APPLICANT: PESTKA, SIDNEY  
TITLE OF INVENTION: SUPER PROTEINS INCLUDING INTERFERONS,  
TITLE OF INVENTION: INTERLEUKINS, ET AL.  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/489,066A  
CLASSIFICATION: 435  
FILING DATE: 09-JUN-1995  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 08/257,784  
FILING DATE: 10-JUN-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/076,231  
FILING DATE: 11-JUN-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Fehlner, Ph.D., Esq., Paul F.  
REGISTRATION NUMBER: 35,135  
REFERENCE/DOCKET NUMBER: 1705-1-002 CIPC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
DESCRIPTION: Primer used in sequencing of Hu-IRN-  
HYPOTHETICAL: NO

ANTI-SENSE: NO  
US-08-489-066A-13  
Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 567 CCTGATGACGAGGA 581  
DB 15 CCTGATGACGAGGA 1

RESULT 1076  
US-08-765-783A-79/C  
Sequence 79, Application US/08765783A  
Patent No. 5994524  
GENERAL INFORMATION:  
APPLICANT: Matsushima, Kouji  
APPLICANT: Matsumoto, Yoshihiro  
APPLICANT: Yamada, Yoshiki  
APPLICANT: Sato, Koh  
APPLICANT: Teuchiya, Masayuki  
APPLICANT: Yamazaki, Tatsumi  
TITLE OF INVENTION: Reshaped Human Antibody to  
TITLE OF INVENTION: Interleukin-8  
NUMBER OF SEQUENCES: 105  
CORRESPONDENCE ADDRESS:  
ADDRESSER: MORRISON & FOERSTER  
STREET: 2000 Pennsylvania Avenue, NW, suite 5500  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20006-1888  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/765,783A  
FILING DATE: 07-MAR-1997  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Murashige, Kate H  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 35029-20001.20  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-887-1500  
TELEFAX: 202-822-0168  
TELEX:  
INFORMATION FOR SEQ ID NO: 79:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: Other  
LOCATION: 1...17  
OTHER INFORMATION: HIP sequence  
US-08-765-783A-79

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3088 GACCTTGCTTTGGG 3102  
DB 17 GACCTTGCTTTGGG 3

```
RESULT 1077
US-08-489-072A-13/C
; Sequence 13, Application US/08489072A
; Patent No. 6001589
; GENERAL INFORMATION:
; APPLICANT: PESTKA, SIDNEY
; TITLE OF INVENTION: SUPER PROTEINS INCLUDING INTERPERONS,
; TITLE OF INVENTION: INTERLEUKINS, ET AL.
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/489,072A
; FILING DATE: 09-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/257,784
; FILING DATE: 10-JUN-1994
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/076,231
; FILING DATE: 11-JUN-1993
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Fehlner, Ph.D., Bsq., Paul F.
; REGISTRATION NUMBER: 35,135
; REFERENCE/DOCKET NUMBER: 1705-1-002 CIPA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; DESCRIPTION: Primer used in sequencing of Hu-IFN- $\gamma$ 
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-489-072A-13

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 567 CCTGAGAGAGAGAGA 581
Db 15 CCTGATGAGAGAGAGA 1

RESULT 1078
US-08-825-487A-104/C
; Sequence 104, Application US/08825487A
; Patent No. 6048689
; GENERAL INFORMATION:
; APPLICANT: Murphy, Patricia D.
; APPLICANT: White, Margie B.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING VARIATIONS IN POLYNUCLEOTIDE SEQUENCE
; NUMBER OF SEQUENCES: 110
; CORRESPONDENCE ADDRESS:
```

```
ADDRESSEE: Howrey & Simon
; STREET: 1299 Pennsylvania Avenue., N.W.
; CITY: Washington,
; STATE: DC
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/825,487A
; FILING DATE: 28-MAR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US98/060002
; FILING DATE: 26-MAR-1998
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Albert P. Halliuh
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 05371.0012.999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-463-8100
; TELEFAX: 650-463-8400
; INFORMATION FOR SEQ ID NO: 104:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; FEATURE:
; NAME/KEY: Other
; LOCATION: 1..17
; OTHER INFORMATION: BRCA1 ASO 5382incC-No. 6048689ma1
US-08-825-487A-104

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1954 GTCTGGGGTTCTCT 1968
Db 15 GTCTGGGATTCTCT 1

RESULT 1079
US-08-985-162-185/C
; Sequence 185, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
```



OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FASTSEQ for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 185:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-185

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3073 GCTGAGACTGCGANG 3087  
Db 15 GCTGAGACTGCGANG 1

RESULT 1080  
US-08-985-162-566/c  
Sequence 566, Application US/08985162  
Patent No. 6057156

GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OP DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESS: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FASTSEQ for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 566:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-566

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 778 GCCCAGAGAGGCA 792  
Db 15 GCCCAGAGAGGCA 1

RESULT 1081  
US-09-416-557-79/c  
Sequence 79, Application US/09416557  
Patent No. 6245894

GENERAL INFORMATION:  
APPLICANT: Matsushima, Kouji  
APPLICANT: Matsumoto, Yoshihiro  
APPLICANT: Yamada, Yoshiki  
APPLICANT: Sato, Koh  
APPLICANT: Teuchiya, Masayuki  
APPLICANT: Yamazaki, Tateumi  
TITLE OF INVENTION: Reshaped Human Antibody to  
TITLE OF INVENTION: Interleukin-8  
NUMBER OF SEQUENCES: 105  
CORRESPONDENCE ADDRESS:  
ADDRESS: MORRISON & FOERSTER  
STREET: 2000 Pennsylvania Avenue, NW, suite 5500  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20006-1888  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/416,557  
FILING DATE: 12-October-1999  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/765,783  
FILING DATE: 7-March-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Murashige, Kate H  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 35029-20001.10  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-887-1500  
TELEFAX: 202-822-0168  
TELEX:  
INFORMATION FOR SEQ ID NO: 79:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: Other  
LOCATION: 1...17  
OTHER INFORMATION: HIP sequence  
US-09-416-557-79

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3088 GACCTTGCTTTGGG 3102  
DB 17 GACCTTGCTTTGGG 3

RESULT 1082  
US-08-489-071A-13/C  
Sequence 13, Application US/08489071A  
Patent No. 6300474  
GENERAL INFORMATION:  
APPLICANT: PESTKA, SIDNEY  
TITLE OF INVENTION: SUPER PROTEINS INCLUDING INTERFERONS,  
TITLE OF INVENTION: INTERLEUKINS, ET AL.  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauder & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/489,071A  
FILING DATE: 09-JUN-1995  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/257,784  
FILING DATE: 10-JUN-1994  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/076,231  
FILING DATE: 11-JUN-1993  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Fehlner, Ph.D., Esq., Paul F.  
REGISTRATION NUMBER: 35,135  
REFERENCE/DOCKET NUMBER: 1705-1-002 CIPC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
DESCRIPTION: Primer used in sequencing of Hu-IFN- $\gamma$   
HYPOTHEetical: NO  
ANTI-SENSE: NO  
US-08-489-071A-13

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 567 CCTGAGAGAGAGA 581  
DB 15 CCTGAGAGAGAGA 1

RESULT 1083  
US-08-584-040-2095

Sequence 2095, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2095:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2095

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 73.3%; Pred. No. 7e+02; 3; Mismatches 1; Indels 0; Gaps 0;  
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 3805 AAGACTGTACCGA 3819  
DB 2 AAGACUUVUACCGA 16

RESULT 1084  
US-08-584-040-5943/C  
Sequence 5943, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR

NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 5943:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-5943

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1;

QY 5411 AAAATGAAATATA 5425  
DB 17 AAAATGAAATCA 3

RESULT 1085  
US-08-584-040-5944/C  
Sequence 5944, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage

COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 5944:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-5944

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1;

QY 5411 AAAATGAAATATA 5425  
DB 16 AAAATGAAATCA 2

RESULT 1086  
US-08-584-040-5945/C  
Sequence 5945, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.

```

; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5945:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5945

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5411 AAAAATGAAATTA 5425
DB      15 AAAAATGAAATCA 1
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```

RESULT 1087
US-09-480-017-8
; Sequence 8, Application US/09480017
; Patent No. 6388067
; GENERAL INFORMATION:
; APPLICANT: Yu, Su-May
; APPLICANT: Tong, Wu-Fu
; TITLE OF INVENTION: RICE CYSTEINE PROTEINASE GENE PROMOTER
; FILE REFERENCE: 08919-038001
; CURRENT APPLICATION NUMBER: US/09/480,017
; CURRENT FILING DATE: 2000-01-10
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized primer
; US-09-480-017-8

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      231 TCACCCCTCACCCTCC 245
DB      2 TCGCCCTCACCCTCC 16
```

```

RESULT 1088
US-09-474-432B-364
; Sequence 364, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
```

```

; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 364
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-364

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 7e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      3245 CTGACTGCTGCCAG 3259
DB      3 CUGACUGCCUGCAUG 17
```

```

RESULT 1089
US-09-474-432B-691/C
; Sequence 691, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 691
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-691
```

```

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      253 GCCCTGACCCCATC 267
DB      17 GCCCTGACCCCATC 3
```

```

RESULT 1090
US-09-474-432B-884
; Sequence 884, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
```

APPLICANT: Karpelsky, Alex  
APPLICANT: Adamic, Jasenka  
APPLICANT: Sweedler, David  
APPLICANT: Zinner, Shann  
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
FILE REFERENCE: MHB00-831-B (247/276)  
CURRENT FILING DATE: US/09/474,432B  
PRIOR APPLICATION NUMBER: US 60/064,866  
PRIOR FILING DATE: 1997-11-05  
PRIOR APPLICATION NUMBER: US 60/084,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: US 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: US 09/301,511  
PRIOR FILING DATE: 1999-04-28  
NUMBER OF SEQ ID NOS: 1526  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 884  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-474-432B-884

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 80.0%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1412 AGAGAGCTGCGCTG 1426  
Db 3 AGGAGAGCTGCGCTG 17

RESULT 1091  
US-09-371-772B-640  
Sequence 640, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwigen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
FILE REFERENCE: MHB00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 640  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-640

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 73.3%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;  
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 3805 AAGAAGCTGTACCGA 3819  
Db 2 AAGAAGCTGTACCGA 16

RESULT 1092  
US-09-371-772B-2780/C  
Sequence 2780, Application US/09371772B  
Patent No. 6566127

GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwigen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
FILE REFERENCE: MHB00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2780  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Mus sp.  
US-09-371-772B-2780

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5411 AAAATGAAATCAA 5425  
Db 17 AAAATGAAATCAA 3

RESULT 1093  
US-09-371-772B-2781/C  
Sequence 2781, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwigen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
FILE REFERENCE: MHB00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2781  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Mus sp.  
US-09-371-772B-2781

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5411 AAAATGAAATCAA 5425  
Db 16 AAAATGAAATCAA 2

RESULT 1094  
US-09-371-772B-2782/C  
Sequence 2782, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:

```

; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-U (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2782
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2782

```

```

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 5411 AAAATGAAATATA 5425
Db 15 AAAATGAAATCA 1

```

```

RESULT 1095
US-09-371-772B-4161
; Sequence 4161, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-U (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4161
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-4161

```

```

Query Match
Best Local Similarity 66.7%; Score 13.4; DB 1; Length 17;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 314 CTCGAGCTCTCTCC 328
Db 1 CTCGAGCTCTCTCC 15

```

```

RESULT 1096
US-09-371-772B-4509/C
; Sequence 4509, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.

```

```

; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-U (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4509
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4509

```

```

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 3583 GCTTCCCATGTTGCT 3597
Db 17 GTTCCCATGTTGCT 3

```

```

RESULT 1097
US-09-371-772B-4941
; Sequence 4941, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-U (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4941
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4941

```

```

Query Match
Best Local Similarity 73.3%; Score 13.4; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 3805 AAGACTTGATCCGA 3819
Db 3 AAGACTTGATCCGA 17

```

```

RESULT 1098
US-09-371-772B-6465
; Sequence 6465, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.

```

```

; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6465
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6465
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      191 AGCGTGCACACACC 205
Db      1 AGAGUCCACACACC 15
```

```

RESULT 1099
US-09-371-772B-6873/c
; Sequence 6873, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; APPLICANT: Pavco, Pam
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6873
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6873
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      4944 TGCCTTGCTGGGCA 4958
Db      15 TGCCTTGCTGGGCA 1
```

```

RESULT 1100
US-09-371-772B-6929
; Sequence 6929, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
```

```

; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6929
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6929
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 7e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      199 CCACACCCCATCTCC 213
Db      3 CCACACCCCAACUCC 17
```

```

RESULT 1101
US-09-330-785-2
; Sequence 2, Application US/09330785
; Patent No. 6589798
; GENERAL INFORMATION:
; APPLICANT: Lofas, Stefan
; TITLE OF INVENTION: METHOD AND SYSTEM FOR ANALYTE
; FILE REFERENCE: 740073.447US
; CURRENT APPLICATION NUMBER: US/09/330,785
; CURRENT FILING DATE: 1999-06-11
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE INFORMATION: FITC-labelled oligonucleotide
US-09-330-785-2
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      1293 TTCTGTGAGAGAG 1307
Db      1 TTCTGTGAGAAAGG 15
```

```

RESULT 1102
US-09-476-387-363
; Sequence 363, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelesky, Alex
; APPLICANT: Adamski, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
```

;; CURRENT FILING DATE: 2001-04-04  
;; PRIOR APPLICATION NUMBER: 09/474,432  
;; PRIOR FILING DATE: 1999-12-29  
;; PRIOR APPLICATION NUMBER: 09/301,511  
;; PRIOR FILING DATE: 1999-04-28  
;; PRIOR APPLICATION NUMBER: 09/186,675  
;; PRIOR FILING DATE: 1998-11-04  
;; PRIOR APPLICATION NUMBER: 60/083,727  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/064,866  
;; PRIOR FILING DATE: 1997-11-05  
;; NUMBER OF SEQ ID NOS: 1524  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 363  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-09-476-387-363

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 73.3%; Pred. No. 7e+02;  
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 3245 CTGACTGCTGCCAG 3259  
DB 3 CUGACUGCCGACUG 17

## RESULT 1103

US-09-476-387-690/C  
;; Sequence 690, Application US/09476387  
;; Patent No. 6617438  
;; GENERAL INFORMATION:  
;; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
;; APPLICANT: Beigelman, Leo  
;; APPLICANT: Beaudry, Amber  
;; APPLICANT: Karpeisky, Alex  
;; APPLICANT: Adamic, Jasenka Matulic  
;; APPLICANT: Sweedler, Dave  
;; APPLICANT: Zinnen, Shawn  
;; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
;; FILE REFERENCE: MEB00-831-C (249/073)  
;; CURRENT APPLICATION NUMBER: US/09/476,387  
;; CURRENT FILING DATE: 2001-04-04  
;; PRIOR APPLICATION NUMBER: 09/474,432  
;; PRIOR FILING DATE: 1999-12-29  
;; PRIOR APPLICATION NUMBER: 09/301,511  
;; PRIOR FILING DATE: 1999-04-28  
;; PRIOR APPLICATION NUMBER: 09/186,675  
;; PRIOR FILING DATE: 1998-11-04  
;; PRIOR APPLICATION NUMBER: 60/083,727  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/064,866  
;; PRIOR FILING DATE: 1997-11-05  
;; NUMBER OF SEQ ID NOS: 1524  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 690  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-09-476-387-690

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 253 GCCCTGACCCCATC 267  
DB 17 GCCCTGACCCCATC 3

RESULT 1104  
US-09-476-387-883

;; Sequence 883, Application US/09476387  
;; Patent No. 6617438  
;; GENERAL INFORMATION:  
;; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
;; APPLICANT: Beigelman, Leo  
;; APPLICANT: Beaudry, Amber  
;; APPLICANT: Karpeisky, Alex  
;; APPLICANT: Adamic, Jasenka Matulic  
;; APPLICANT: Sweedler, Dave  
;; APPLICANT: Zinnen, Shawn  
;; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
;; FILE REFERENCE: MEB00-831-C (249/073)  
;; CURRENT APPLICATION NUMBER: US/09/476,387  
;; CURRENT FILING DATE: 2001-04-04  
;; PRIOR APPLICATION NUMBER: 09/474,432  
;; PRIOR FILING DATE: 1999-12-29  
;; PRIOR APPLICATION NUMBER: 09/301,511  
;; PRIOR FILING DATE: 1999-04-28  
;; PRIOR APPLICATION NUMBER: 09/186,675  
;; PRIOR FILING DATE: 1998-11-04  
;; PRIOR APPLICATION NUMBER: 60/083,727  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/064,866  
;; PRIOR FILING DATE: 1997-11-05  
;; NUMBER OF SEQ ID NOS: 1524  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 883  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-09-476-387-883

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 80.0%; Pred. No. 7e+02;  
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1412 AGGAGAGCTGCGCTG 1426  
DB 3 AGGAGAGCTGCGCTG 17

RESULT 1105  
US-09-401-063-185/C  
;; Sequence 185, Application US/09401063  
;; Patent No. 6623962  
;; GENERAL INFORMATION:  
;; APPLICANT: Akhtar, Saghir  
;; APPLICANT: McSwigen, James  
;; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
;; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
;; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
;; TITLE OF INVENTION: FACTOR RECEPTORS  
;; NUMBER OF SEQUENCES: 1877  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSER: Lyon & Lyon  
;; STREET: 633 West Fifth Street  
;; CITY: Los Angeles  
;; STATE: California  
;; COUNTRY: U.S.A.  
;; ZIP: 90071-2066  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
;; MEDIUM TYPE: storage  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: IBM P.C. DOS 5.0  
;; SOFTWARE: FastSeq for Windows 2.0  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/401,063  
;; FILING DATE:  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:



APPLICATION NUMBER: 08/985,162  
FILING DATE: 04 December 1997  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 185:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-401-063-185

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3073 GCTGAGACTGCAG 3087  
Db 15 GCTGACACTGCAG 1

RESULT 1106  
US-09-401-063-566/C  
Sequence 566, Application US/09401063  
Patent No. 6623862  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
NUMBER OF SEQUENCES: FACTOR RECEPTORS  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 613 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: PASTSEQ for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/401,063  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/985,162  
FILING DATE: 04 December 1997  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 566:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-401-063-566

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 778 GCCCAGAGAGGCA 792  
Db 15 GCCCAGAGAGGCA 1

RESULT 1107  
US-09-866-108A-1348  
Sequence 1348, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wenheng  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: A60MICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263,6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PAM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: A60MICA Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 1348  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-1348

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1675 GGAAGAATGGGACA 1689  
Db 3 GGAAGAATGGGACA 17

RESULT 1108

```
US-09-866-108A-1349
; Sequence 1349, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharton G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1349
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1349

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1675 GGAAAGATGGGACA 1689
Db      2 GGAAAGATGGGACA 16

RESULT 1109
US-09-866-108A-1891
; Sequence 1891, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharton G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
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; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1891
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1891

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3255 CCGAGACCTGGCCTC 3269
Db      3 CCGAGACCTGGCCTC 17

RESULT 1110
US-09-866-108A-1896
; Sequence 1896, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharton G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
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NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 1896  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-1896

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1;

Qy 3258 GGACCTGGCTCTGT 3272  
Db 1 GGACCTGGCTCTCT 15

RESULT 1111  
US-09-866-108A-6111/c  
Sequence 6111, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263,6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 6111  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-6111

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1;

Qy 2134 GAAAATCTCACACTG 2148  
Db 17 GAAAATCTCACACTG 3

RESULT 1112  
US-09-866-108A-6114/c  
Sequence 6114, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263,6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 6114  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-6114

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1;

Qy 2133 GAAAATCTCACACT 2147  
Db 15 GAAAATCTCACACT 1

RESULT 1113  
US-09-866-108A-6198/c  
Sequence 6198, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26

;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 6198  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-6198

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 901 GGGTGACCCAGGCG 915  
Db 17 GGGTGACCCAGGCG 3

RESULT 1114  
US-09-866-108A-6201/c  
;; Sequence 6201, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharon G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; PRIOR FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30

;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 6201  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-6201

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 900 GGGTGACCCAGGCG 914  
Db 15 GGGTGACCCAGGCG 1

RESULT 1115  
US-09-866-108A-6256/c  
;; Sequence 6256, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharon G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; PRIOR FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 6256  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-6256

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1476 TGGCCGAGGCTGGA 1490  
Db 17 TGGCCGAGGCTGGA 3

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RESULT 1116
US-09-866-108A-6259/C
Sequence 6259, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6259
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6259

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1475 TTGCCCCGAGCCTG3 1489
Db      15 TTGCCCCGAGCCTG3 1

RESULT 1117
US-09-866-108A-6516
Sequence 6516, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6516
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6516

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      854 CCACCTCCACCGCAG 868
Db      3 CCACCTCCACCGCAG 17

RESULT 1118
US-09-866-108A-6517
Sequence 6517, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6517
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6517
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; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6517
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6517

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      854  CCACCTCCACCGCAG 868
Db      2  CCACCCACCGCAG 16

RESULT 1119
US-09-866-108A-6518
; Sequence 6518, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6518
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6518

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      854  CCACCTCCACCGCAG 868
Db      1  CCACCCACCGCAG 15
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RESULT 1120
US-09-866-108A-6759/c
; Sequence 6759, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6759
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6759

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      621  CTCGAGAGCTTTC 635
Db      17  CTCGAGAGCTTTC 3

RESULT 1121
US-09-866-108A-6760/c
; Sequence 6760, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
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PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 6760  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-6760

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 621 CTCGAGAGCTCTTC 635  
DB 16 CTCGAGAGCTCTTC 2

RESULT 1122  
US-09-866-108A-6761/c  
Sequence 6761, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wenheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 6761  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-6761

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 621 CTCGAGAGCTCTTC 635  
DB 15 CTCGAGAGCTCTTC 1

RESULT 1123  
US-09-866-108A-7121  
Sequence 7121, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wenheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 7121  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-7121

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1194 AGAGAAATCAGAGAA 1208  
||| |||||||||

Db 3 AGAAAATCAGAGAA 17

RESULT 1124

US-09-866-108A-7122

Sequence 7122, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: A60MICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: A60MICA Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 7122

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-7122

Query Match 0.24; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1194 AGGAATTCAGAGAA 1208

Db 2 AGAAAATCAGAGAA 16

RESULT 1125

US-09-866-108A-7123

Sequence 7123, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: A60MICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: A60MICA Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 7123

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-7123

Query Match 0.24; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1194 AGGAATTCAGAGAA 1208

Db 1 AGAAAATCAGAGAA 15

RESULT 1126

US-09-866-108A-7408

Sequence 7408, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: A60MICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668



;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Acomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 7408  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-7408

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1;

Qy 658 GAGAGACGAGTGC 672  
Db 3 GAGCAGCAGTGC 17

RESULT 1127  
US-09-866-108A-7411  
;; Sequence 7411, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: ABOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263,6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Acomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 7411  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-7411

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1;

Qy 659 AGAGACGAGTGC 673

Db 1 AGCAGACGAGTGC 15

RESULT 1128  
US-09-866-108A-7796/c  
;; Sequence 7796, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: ABOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263,6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Acomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 7796  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-7796

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1;

Qy 2645 AGCTGCTGCTGACG 2659  
Db 17 AGCTGCTGCTGACG 3

RESULT 1129  
US-09-866-108A-7801/c  
;; Sequence 7801, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: ABOMICA-7

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; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7801
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7801
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Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 2641 CTGCAGCTGCTGCTG 2655

Db 16 CTTCAGCTGCTGCTG 2

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RESULT 1130
US-09-866-108A-7802/c
; Sequence 7802, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
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; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7802
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7802
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```

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 2641 CTGCAGCTGCTGCTG 2655

Db 15 CTTCAGCTGCTGCTG 1

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RESULT 1131
US-09-866-108A-7830
; Sequence 7830, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7830
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7830
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Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 3065 GCCTCACAGCTGAG 3079  
Db 3 GCCTCACAGCTGAG 17

RESULT 1132  
US-09-866-108A-7831  
Sequence 7831, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 7831  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-7831

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 3065 GCCTCACAGCTGAG 3079  
Db 2 GCCTCACAGCTGAG 16

RESULT 1133  
US-09-866-108A-7832  
Sequence 7832, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 7832  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-7832

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 3065 GCCTCACAGCTGAG 3079  
Db 1 GCCTCACAGCTGAG 15

RESULT 1134  
US-09-866-108A-8355  
Sequence 8355, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8355
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8355

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      574 AACGAGAGCTGAAG 588
Db      3 AACGAGAGCTGAG 17

RESULT 1135
US-09-866-108A-8356
; Sequence 8356, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OR INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8356
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8356

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      574 AACGAGAGCTGAAG 588
Db      2 AACGAGAGCTGAG 16

RESULT 1136
US-09-866-108A-8365/C
; Sequence 8365, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OR INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8365
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8365

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2780 TGTGACCTTCTGCA 2794
Db      17 TGTGACCTTCTGCA 3

RESULT 1137
US-09-866-108A-8366/C
; Sequence 8366, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
```

;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AECOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263, 6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecmica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 8366  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-8366

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2780 TTGTGACTTCTGCA 2794  
DB 16 TTGTGACTTCTGCA 2

RESULT 1138  
US-09-866-108A-8367/C  
;; Sequence 8367, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: PENN, Sharon G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AECOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263, 6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecmica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 8367  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-8367

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2780 TTGTGACTTCTGCA 2794  
DB 15 TTGTGACTTCTGCA 1

RESULT 1139  
US-09-866-108A-8646  
;; Sequence 8646, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: PENN, Sharon G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AECOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263, 6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecmica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 8646  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-8646

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7e+02;

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Matches 14, Conservative 0, Mismatches 1, Indels 0, Gaps 0
Qy 2641 CTGCAGCTGCTGCTG 2655
      |||||
Db 3 CTGCAGCTGCACTG 17

RESULT 1140
US-09-866-108A-8646/C
; Sequence 8646, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OR INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MCA-7
; CURRENT APPLICATION NUMBER: US/09/866.108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8646
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8646

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0
Qy 2644 CAGCTGCTGCTGCA 2658
      |||||
Db 17 CAGCTGCACTGCA 3

RESULT 1141
US-09-866-108A-8647
; Sequence 8647, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng

```

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1  APPLICANT: SHANNON, Mark
2  TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
3  FILE REFERENCE: A60MICA-7
4  CURRENT APPLICATION NUMBER: US/09/866,108A
5  PRIOR FILING DATE: 2001-05-25
6  PRIOR APPLICATION NUMBER: US 60/207,456
7  PRIOR FILING DATE: 2000-05-26
8  PRIOR APPLICATION NUMBER: GB 24263.6
9  PRIOR FILING DATE: 2000-10-04
10 PRIOR APPLICATION NUMBER: US 60/236,359
11 PRIOR FILING DATE: 2000-09-27
12 PRIOR APPLICATION NUMBER: PCT/US01/00666
13 PRIOR FILING DATE: 2000-09-27
14 PRIOR APPLICATION NUMBER: PCT/US01/00666
15 PRIOR FILING DATE: 2001-01-30
16 PRIOR APPLICATION NUMBER: PCT/US01/00667
17 PRIOR FILING DATE: 2001-01-30
18 PRIOR APPLICATION NUMBER: PCT/US01/00664
19 PRIOR FILING DATE: 2001-01-30
20 PRIOR APPLICATION NUMBER: PCT/US01/00665
21 PRIOR FILING DATE: 2001-01-30
22 PRIOR APPLICATION NUMBER: PCT/US01/00668
23 PRIOR FILING DATE: 2001-01-30
24 PRIOR APPLICATION NUMBER: PCT/US01/00663
25 PRIOR FILING DATE: 2001-01-30
26 Remaining Prior Application data removed - See File Wrapper or PALM.
27 NUMBER OF SEQ ID NOS: 15755
28 SOFTWARE: Aecomica Sequence Listing Engine
29 Patent No. 6686188
30 SEQ ID NO 8647
31 LENGTH: 17
32 TYPE: DNA
33 ORGANISM: Homo sapiens
34 US-09-866-108A-8647
35
36 Query Match 0.2%; Score 13.4; DB 1; length 17;
37 Best Local Similarity 93.3%; Pred. No. 7e+02;
38 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0.
39
40 QY 2641 CTGCAGCTGCTGCTG 2655
41 |||||||
42 Db 2 CTGCAGCTGCGAGCTG 16
43
44 RESULT 1142
45 US-09-866-108A-8647/c
46 Sequence 8647, Application US/09866108A
47 Patent No. 6686188
48
49 GENERAL INFORMATION:
50 APPLICANT: GU, Yizhong
51 APPLICANT: JI, Yongchang
52 APPLICANT: PENN, Sharon G.
53 APPLICANT: HANZEL, David K.
54 APPLICANT: RANK, David R.
55 APPLICANT: CHEN, Wenheng
56 APPLICANT: SHANNON, Mark
57 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
58 FILE REFERENCE: A60MICA-7
59 CURRENT APPLICATION NUMBER: US/09/866,108A
60 CURRENT FILING DATE: 2001-05-25
61 PRIOR APPLICATION NUMBER: US 60/207,456
62 PRIOR FILING DATE: 2000-05-26
63 PRIOR APPLICATION NUMBER: GB 24263.6
64 PRIOR FILING DATE: 2000-10-04
65 PRIOR APPLICATION NUMBER: US 60/236,359
66 PRIOR FILING DATE: 2000-09-27
67 PRIOR APPLICATION NUMBER: PCT/US01/00666
68 PRIOR FILING DATE: 2001-01-30
69 PRIOR APPLICATION NUMBER: PCT/US01/00667
70 PRIOR FILING DATE: 2001-01-30
71 PRIOR APPLICATION NUMBER: PCT/US01/00664
72 PRIOR FILING DATE: 2001-01-30
73 PRIOR APPLICATION NUMBER: PCT/US01/00669
74 PRIOR FILING DATE: 2001-01-30
75 PRIOR APPLICATION NUMBER: PCT/US01/00663
76 PRIOR FILING DATE: 2001-01-30
77 PRIOR APPLICATION NUMBER: PCT/US01/00667
78 PRIOR FILING DATE: 2001-01-30
79 PRIOR APPLICATION NUMBER: PCT/US01/00664
80 PRIOR FILING DATE: 2001-01-30
81 PRIOR APPLICATION NUMBER: PCT/US01/00669
82 PRIOR FILING DATE: 2001-01-30
83 PRIOR APPLICATION NUMBER: PCT/US01/00665
84 PRIOR FILING DATE: 2001-01-30
85 PRIOR APPLICATION NUMBER: PCT/US01/00668
86 PRIOR FILING DATE: 2001-01-30
87 PRIOR APPLICATION NUMBER: PCT/US01/00663
88 PRIOR FILING DATE: 2001-01-30
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94 PRIOR FILING DATE: 2001-01-30
95 PRIOR APPLICATION NUMBER: PCT/US01/00665
96 PRIOR FILING DATE: 2001-01-30
97 PRIOR APPLICATION NUMBER: PCT/US01/00668
98 PRIOR FILING DATE: 2001-01-30
99 PRIOR APPLICATION NUMBER: PCT/US01/00663
100 PRIOR FILING DATE: 2001-01-30
101 PRIOR APPLICATION NUMBER: PCT/US01/00667
102 PRIOR FILING DATE: 2001-01-30
103 PRIOR APPLICATION NUMBER: PCT/US01/00664
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105 PRIOR APPLICATION NUMBER: PCT/US01/00669
106 PRIOR FILING DATE: 2001-01-30
107 PRIOR APPLICATION NUMBER: PCT/US01/00665
108 PRIOR FILING DATE: 2001-01-30
109 PRIOR APPLICATION NUMBER: PCT/US01/00668
110 PRIOR FILING DATE: 2001-01-30
111 PRIOR APPLICATION NUMBER: PCT/US01/00663
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113 PRIOR APPLICATION NUMBER: PCT/US01/00667
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125 PRIOR APPLICATION NUMBER: PCT/US01/00667
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133 PRIOR APPLICATION NUMBER: PCT/US01/00668
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143 PRIOR APPLICATION NUMBER: PCT/US01/00665
144 PRIOR FILING DATE: 2001-01-30
145 PRIOR APPLICATION NUMBER: PCT/US01/00668
146 PRIOR FILING DATE: 2001-01-30
147 PRIOR APPLICATION NUMBER: PCT/US01/00663
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149 PRIOR APPLICATION NUMBER: PCT/US01/00667
150 PRIOR FILING DATE: 2001-01-30
151 PRIOR APPLICATION NUMBER: PCT/US01/00664
152 PRIOR FILING DATE: 2001-01-30
153 PRIOR APPLICATION NUMBER: PCT/US01/00669
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155 PRIOR APPLICATION NUMBER: PCT/US01/00665
156 PRIOR FILING DATE: 2001-01-30
157 PRIOR APPLICATION NUMBER: PCT/US01/00668
158 PRIOR FILING DATE: 2001-01-30
159 PRIOR APPLICATION NUMBER: PCT/US01/00663
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163 PRIOR APPLICATION NUMBER: PCT/US01/00664
164 PRIOR FILING DATE: 2001-01-30
165 PRIOR APPLICATION NUMBER: PCT/US01/00669
166 PRIOR FILING DATE: 2001-01-30
167 PRIOR APPLICATION NUMBER: PCT/US01/00665
168 PRIOR FILING DATE: 2001-01-30
169 PRIOR APPLICATION NUMBER: PCT/US01/00668
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172 PRIOR FILING DATE: 2001-01-30
173 PRIOR APPLICATION NUMBER: PCT/US01/00667
174 PRIOR FILING DATE: 2001-01-30
175 PRIOR APPLICATION NUMBER: PCT/US01/00664
176 PRIOR FILING DATE: 2001-01-30
177 PRIOR APPLICATION NUMBER: PCT/US01/00669
178 PRIOR FILING DATE: 2001-01-30
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182 PRIOR FILING DATE: 2001-01-30
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186 PRIOR FILING DATE: 2001-01-30
187 PRIOR APPLICATION NUMBER: PCT/US01/00664
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189 PRIOR APPLICATION NUMBER: PCT/US01/00669
190 PRIOR FILING DATE: 2001-01-30
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193 PRIOR APPLICATION NUMBER: PCT/US01/00668
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199 PRIOR APPLICATION NUMBER: PCT/US01/00664
200 PRIOR FILING DATE: 2001-01-30
201 PRIOR APPLICATION NUMBER: PCT/US01/00669
202 PRIOR FILING DATE: 2001-01-30
203 PRIOR APPLICATION NUMBER: PCT/US01/00665
204 PRIOR FILING DATE: 2001-01-30
205 PRIOR APPLICATION NUMBER: PCT/US01/00668
206 PRIOR FILING DATE: 2001-01-30
207 PRIOR APPLICATION NUMBER: PCT/US01/00663
208 PRIOR FILING DATE: 2001-01-30
209 PRIOR APPLICATION NUMBER: PCT/US01/00667
210 PRIOR FILING DATE: 2001-01-30
211 PRIOR
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8647
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8647

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2644 CAGCTGCTGCTGCAG 2658
Db      16 CAGCTGCAGCTGCAG 2

RESULT 1143
US-09-866-108A-9545
; Sequence 9545, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OR INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9545
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9545

Query Match      0.2%; Score 13.4; DB 1; Length 17;
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Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      328 CTCCTGCTGCTTTC 342
Db      2 CTCCTGCTGCTTTC 16

RESULT 1144
US-09-866-108A-9546
; Sequence 9546, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OR INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9546
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9546

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      328 CTCCTGCTGCTTTC 342
Db      1 CTCCTGCTGCTTTC 15

RESULT 1145
US-09-866-108A-9649/c
; Sequence 9649, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
```

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; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9649
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-96549

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Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      309 GGGCCCTCTGGGCTC 323
Db      17 GGCTCTCTGGGCTC 3

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RESULT 1146
US-09-866-108A-9650/C
; Sequence 9650, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9650
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9650

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```

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      309 GGGCCCTCTGGGCTC 323
Db      16 GGCTCTCTGGGCTC 2

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RESULT 1147
US-09-866-108A-10663/C
; Sequence 10663, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10663
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10663

```



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Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy	3053	TGGCTGGCTGTGGCC	3067
Db	16	TGGCTGGCTCTGGCC	2

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RESULT 1148
US-09-269-921-72/c
: Sequence 72. Application US/09269921
: Patent No. 6699974
: GENERAL INFORMATION:
: APPLICANT: Ono, Koichiro
: APPLICANT: Ohtomo, Toshiko
: APPLICANT: Tsuchiya, Masayuki
: APPLICANT: Yoshimura, Yasuaki
: APPLICANT: Koshinaka, Yasuo
: TITLE OF INVENTION: RESHAPED HUMAN ANTI-HM 1.24 ANTIBODY
: FILE REFERENCE: 35029-20007.00
: CURRENT APPLICATION NUMBER: US/09/269,921
: CURRENT FILING DATE: 1999-04-01
: EARLIER APPLICATION NUMBER: PCT/JP97/03553
: EARLIER FILING DATE: 1997-10-03
: EARLIER APPLICATION NUMBER: JP 8-264756
: EARLIER FILING DATE: 1996-10-04
: NUMBER OF SEQ ID NOS: 137
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 72
: LENGTH: 17
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURES:
: OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-269-921-72

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Query Match	0.2%	Score 13.4;	DB 1;	Length 17;
Best Local Similarity	93.3%;	Pred. No. 7e+02;		
Matches 14;	Conservative	0;	Mismatches 1;	Indels 0;
				Gaps 0;

```
QY      3088 GACCTTGCCCTTTGGG 3102
          |||||
Db      17   GACCTTGGCTTTGGG 3
```

```

US-09-404-912-75/c
Sequence 75, Application US/09404912
Patent No. 6703228
GENERAL INFORMATION:
APPLICANT: John Landers
APPLICANT: David Houseman
APPLICANT: Barbara Jordan
APPLICANT: Alain Charost
TITLE OF INVENTION: Methods and Products Related to
FILE REFERENCE: M0656/7045(HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/404,912
CURRENT FILING DATE: 1999-09-24
PRIOR APPLICATION NUMBER: US 60/101,757
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22283
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 691
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 75
LENGTH: 17
TYPE: DNA
ORGANISM: Homo Sapiens
US-09-404-912-75

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Best Local Similarity 93.3%; Pred. No. 7e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy	2373	GAGCTACAGCTTCAT	2387
Db	16	GAGCTACAGCTTCCT	2

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US-09-404-912
US-RESULT 1150
US-09-404-912-382/c
Sequence 382, Application US/09404912
Patent No. 6703228
GENERAL INFORMATION:
APPLICANT: John Landers
APPLICANT: David Housman
APPLICANT: Barbara Jordan
APPLICANT: Alain Charest
TITLE OR INVENTION: Methods and Products Related to
TITLE OF INVENTION: Genotyping and DNA Analysis
FILE REFERENCE: M0656/7045 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/404,912
CURRENT FILING DATE: 1999-09-24
PRIOR APPLICATION NUMBER: US 60/101,757
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22283
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ. ID NOS: 691
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 382
LENGTH: 17
TYPE: DNA
ORGANISM: Homo Sapiens
US-09-404-912-382

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Query Match	0.2%	Score 13.4	DB 1	Length 17
Best Local Similarity	93.3%	Pred. No. 7e+02		
Matches 14; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

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QY      1904 CAGCTCTGCAGAAC 1918
          |||||
Db      16 CAGCTCTGCAGAGCC 2

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RESULT 1151  
 US-09-591-383-4  
 Sequence 4, Application US/09591383  
 Patent No. RE37984  
 GENERAL INFORMATION:  
 APPLICANT: Jackle, Herbert  
 Tautz, Diethard  
 TITLE OF INVENTION: PROCESS FOR ANALYZING LENGTH  
 POLYMORPHISMS IN DNA REGIONS  
 NUMBER OF SEQUENCES: 6  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH  
 STREET: 301 N. Washington Street, P.O. Box 747  
 CITY: Falls Church  
 STATE: Virginia  
 COUNTRY: United States of America  
 ZIP: 22046  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/591,383  
 FILING DATE: 09-Jun-2000  
 CLASSIFICATION: <Unknown>  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/681,494  
 FILING DATE: 10-JUN-1991  
 APPLICATION NUMBER: DE P3834636.2

FILING DATE: 11-OCT-1988  
ATTORNEY/AGENT INFORMATION:  
NAME: Svenson, Leonard R.  
REGISTRATION NUMBER: 30,330  
REFERENCE/DOCKET NUMBER: 147-122PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-241-1300  
TELEFAX: 703-241-2848  
TELEX: 248345  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
US-09-591-383-4

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 734 TCCATACCTGGGAC 748  
Db 2 TCCATACCTGGGAC 16

RESULT 1152  
US-08-248-848-56  
Sequence 56, Application US/08248848  
Patent No. 5523217  
GENERAL INFORMATION:  
APPLICANT: Lupek, James R.  
APPLICANT: Versalovic, James  
TITLE OF INVENTION: Fingerprinting Bacterial Strains Using  
TITLE OF INVENTION: Repetitive DNA Sequence Amplification  
Patent No. 5523217  
NUMBER OF SEQUENCES: 60  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Fulbright & Jaworski  
STREET: 1301 McKinney, Suite 5100  
CITY: Houston  
STATE: Texas  
COUNTRY: U.S.A.  
ZIP: 77010-3095  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/248,848  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/781,424  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul, Thomas D.  
REGISTRATION NUMBER: 32,714  
REFERENCE/DOCKET NUMBER: D-5394  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 713/651-5325  
TELEFAX: 713/651-5246  
TELEX: 762829  
INFORMATION FOR SEQ ID NO: 56:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: YES  
US-08-248-848-56

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1633 GAGCTGCCCCAGTCC 1647  
Db 2 GAGCTGCCCCAGTCC 16

RESULT 1153  
US-08-248-848-57/c  
Sequence 57, Application US/08248848  
Patent No. 5523217  
GENERAL INFORMATION:  
APPLICANT: Lupek, James R.  
APPLICANT: Versalovic, James  
TITLE OF INVENTION: Fingerprinting Bacterial Strains Using  
TITLE OF INVENTION: Repetitive DNA Sequence Amplification  
Patent No. 5523217  
NUMBER OF SEQUENCES: 60  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Fulbright & Jaworski  
STREET: 1301 McKinney, Suite 5100  
CITY: Houston  
STATE: Texas  
COUNTRY: U.S.A.  
ZIP: 77010-3095  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/248,848  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/781,424  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul, Thomas D.  
REGISTRATION NUMBER: 32,714  
REFERENCE/DOCKET NUMBER: D-5394  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 713/651-5325  
TELEFAX: 713/651-5246  
TELEX: 762829  
INFORMATION FOR SEQ ID NO: 57:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: YES  
US-08-248-848-57

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1633 GAGCTGCCCCAGTCC 1647  
Db 17 GAGCTGCCCCAGTCC 3

RESULT 1154  
US-07-976-103A-10

Sequence 10, Application US/07976103A  
Patent No. 5645985  
GENERAL INFORMATION:  
APPLICANT: FROELER, BRIAN  
APPLICANT: WAGNER, RICK  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, ROBERT J.  
APPLICANT: GUTIERREZ, ARNOLD J.  
APPLICANT: PUDDO, JEFF  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GILEAD SCIENCES, INC.  
STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/976,103A  
FILING DATE: 25-NOV-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 162.3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 573-4712  
TELEFAX: (415) 573-4899  
TELEX:  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-976-103A-10

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 1186 AGAGAGAGAGAAA 1200  
Db 1 AGAGAGAGAGAAA 15

RESULT 1155  
US-08-261-822A-42/C  
Sequence 42, Application US/08261822A  
Patent No. 5650553  
GENERAL INFORMATION:  
APPLICANT: Ecker, Joseph R. et al.  
TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene  
TITLE OF INVENTION: and Pathogens  
NUMBER OF SEQUENCES: 82  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5650553r18  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/261,822A  
FILING DATE: 17-JUN-1994  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Beardsell, Lori Y.  
REGISTRATION NUMBER: 34,293  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 42:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-261-822A-42

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 4239 CCGGCTCATCTCGA 4253  
Db 18 CCGGCTCATCTCGA 4

RESULT 1156  
US-08-111-077-56  
Sequence 56, Application US/08111077  
Patent No. 5691136  
GENERAL INFORMATION:  
APPLICANT: Lupski, James R.  
APPLICANT: Versalovic, James  
APPLICANT: Koehn, Thearith  
TITLE OF INVENTION: Fingerprinting Bacterial Strains Using  
Repetitive DNA Sequence Amplification  
Patent No. 5691136  
NUMBER OF SEQUENCES: 63  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fulbright & Jaworski  
STREET: 1301 McKinney, Suite 5100  
CITY: Houston  
STATE: Texas  
COUNTRY: U.S.A.  
ZIP: 77010-3095  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/111,077  
FILING DATE: 19930824  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul, Thomas D.  
REGISTRATION NUMBER: 32,714  
REFERENCE/DOCKET NUMBER: D-5394  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 713/651-5325  
TELEFAX: 713/651-5246  
TELEX: 762829  
INFORMATION FOR SEQ ID NO: 56:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

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; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
; US-08-111-077-56

Query Match
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1633 GAGCTGCGCCAGTCC 1647
Db 2 GAGCTGCGCCAGTCC 16

RESULT 1157
US-08-111-077-57/c
; Sequence 57, Application US/08111077
; Patent No. 5691136
; GENERAL INFORMATION:
; APPLICANT: Lupski, James R.
; APPLICANT: Versalovic, James
; TITLE OF INVENTION: Fingerprinting Bacterial Strains Using
; TITLE OF INVENTION: Repetitive DNA Sequence Amplification
; Patent No. 5691136
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/111,077
; FILING DATE: 19930824
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.
; REGISTRATION NUMBER: 32,714
; REFERENCE/DOCKET NUMBER: D-5394
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5325
; TELEFAX: 713/651-5246
; TELEX: 762829
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
; US-08-111-077-57

Query Match
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1633 GAGCTGCGCCAGTCC 1647
Db 17 GAGCTGCGCCAGTCC 3

RESULT 1158
US-08-145-617-4
; Sequence 4, Application US/08145617
; Patent No. 576647
; GENERAL INFORMATION:
```

```
; APPLICANT: Jackle, Herbert
; APPLICANT: Tautz, Diethard
; TITLE OF INVENTION: PROCESS FOR ANALYZING LENGTH
; TITLE OF INVENTION: POLYMORPHISMS IN DNA REGIONS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH
; STREET: 301 N. Washington Street, P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: United States of America
; ZIP: 22046
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,617
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/681,494
; FILING DATE: 10-JUN-1991
; APPLICATION NUMBER: DE P3834636.2
; FILING DATE: 11-OCT-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Svensson, Leonard R.
; REGISTRATION NUMBER: 30,330
; REFERENCE/DOCKET NUMBER: 147-122PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-241-1300
; TELEFAX: 703-241-2848
; TELEX: 248345
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-145-617-4

Query Match
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 734 TCCATACCTGGGAGC 748
Db 2 TCCATACCTGGGAGC 16

RESULT 1159
US-08-758-306-509
; Sequence 509, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwigen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
```

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/758,306  
FILING DATE: December 3, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 212/132  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 509:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-758-306-509

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 60.0%; Pred. No. 7.3e+02;  
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;  
Qy 283 CAGCTGACTTCTTCC 297  
Db 3 CAGCTGATVUCUCC 17

RESULT 1160  
US-08-473-481-10  
Sequence 10, Application US/08473481  
Patent No. 5830653  
GENERAL INFORMATION:  
APPLICANT: PROHLER, BRIAN  
APPLICANT: WAGNER, RICK  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, ROBERT J.  
APPLICANT: GUTIERREZ, ARNOLD J.  
APPLICANT: PUDLO, JEFF  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GILEAD SCIENCES, INC.  
STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/473,481  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/976,103  
FILING DATE: 25-NOV-1992  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/965,941  
FILING DATE: 23-OCT-1992  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/338,352  
FILING DATE: 14-NOV-1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/935,444  
FILING DATE: 25-AUG-1992  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/799,824  
FILING DATE: 26-NOV-1991  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 162,3D  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 573-4712  
TELEFAX: (415) 573-4899  
TELEX:  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-473-481-10

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 1186 AGAGAGAGAGAGAA 1200  
Db 1 AGAGAGAGAGAGAAA 15

RESULT 1161  
US-08-585-684B-2581/C  
Sequence 2581, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2581:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-2581

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1109 CCAGAGACGAGAG 1123  
DB 16 CCAGAGACGAGAG 2

RESULT 1162  
US-08-585-684B-2672/c  
Sequence 2672, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2672:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-2672

Query Match 0.2%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 438 CAAGAGCAGACTG 452  
DB 15 CAAGAGCAGACTG 1

RESULT 1163  
US-08-951-648-12  
Sequence 12, Application US/08951648  
Patent No. 5932465  
GENERAL INFORMATION:  
APPLICANT: Loughney, Kate  
TITLE OF INVENTION: Phosphodiesterase 8  
NUMBER OF SEQUENCES: 38  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 233 South Wacker, Sears Tower Suite 6300  
CITY: Chicago  
STATE: Illinois  
COUNTRY: US  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/951,648  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Williams Jr., Joseph A.  
REGISTRATION NUMBER: 38,659  
REFERENCE/DOCKET NUMBER: 27866/34038  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-474-6300  
TELEFAX: 312-474-0448  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: cDNA  
US-08-951-648-12

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3962 TGGCAGGCGCTGCG 3976  
DB 2 TGGCAGGCGCTGCG 16

RESULT 1164  
US-08-996-306-49  
Sequence 49, Application US/08996306  
Patent No. 5945522  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Chumakov, Ilya  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Bougueleret, Lydie  
TITLE OF INVENTION: Prostate cancer gene  
NUMBER OF SEQUENCES: 68  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Knobbe, Martens, Olson & Bear  
STREET: 501 West Broadway  
CITY: San Diego  
STATE: California

COUNTRY: USA  
ZIP: 92101-3505  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: WIN95  
SOFTWARE: Word  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/996,306  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Israelien, Ned A.  
REGISTRATION NUMBER: 29,655  
REFERENCE/DOCKET NUMBER: GENSET.018A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 235-8550  
TELEFAX: (619) 235-0176  
INFORMATION FOR SEQ ID NO: 49:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
MOLECULE TYPE: DNA  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: 4-26-RP downstream primer  
LOCATION: 1..18  
US-08-996-306-49

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3075 TGAGACTGCAAGA 3089  
Db 1 TGAGACTGCTAGGA 15

RESULT 1165  
US-09-156-979-30/c  
Sequence 30, Application US/09156979  
Patent No. 5962672  
GENERAL INFORMATION:  
APPLICANT: Cowert, Lex M.  
TITLE OF INVENTION: ANTISENSE MODULATION OF RHOB EXPRESSION  
FILE REFERENCE: RTS-0013  
CURRENT APPLICATION NUMBER: US/09/156,979  
CURRENT FILING DATE: 1998-09-18  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 30  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-156-979-30

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1628 GCAGAGAGCTGCGCC 1642  
Db 18 GCACAGAGCTGCGCC 4

RESULT 1166  
US-09-161-015-17  
Sequence 17, Application US/09161015A  
Patent No. 5965370

GENERAL INFORMATION:  
APPLICANT: Lex M. Cowert  
TITLE OF INVENTION: ANTISENSE MODULATION OF RHO G EXPRESSION  
FILE REFERENCE: RTS-0015  
CURRENT APPLICATION NUMBER: US/09/161,015A  
CURRENT FILING DATE: 1998-09-25  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 17  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-161-015-17

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 761 GGTCACTGTGCGCC 775  
Db 2 GTTCACTGTGCGCC 16

RESULT 1167  
US-09-161-015-24  
Sequence 24, Application US/09161015A  
Patent No. 5965370  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowert  
TITLE OF INVENTION: ANTISENSE MODULATION OF RHO G EXPRESSION  
FILE REFERENCE: RTS-0015  
CURRENT APPLICATION NUMBER: US/09/161,015A  
CURRENT FILING DATE: 1998-09-25  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 24  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-161-015-24

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4503 ACCTCTGATGCGCC 4517  
Db 1 ACCTCTGATGCGCC 15

RESULT 1168  
US-09-166-203-15/c  
Sequence 15, Application US/09166203A  
Patent No. 5968826  
GENERAL INFORMATION:  
APPLICANT: Bennett, C. Frank  
APPLICANT: Condon, Tom P.  
TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION  
FILE REFERENCE: ISPH-0323  
CURRENT APPLICATION NUMBER: US/09/166,203A  
CURRENT FILING DATE: 1998-10-05  
NUMBER OF SEQ ID NOS: 60  
SEQ ID NO 15  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: antisense sequence  
US-09-166-203-15

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 5410 AAAAAATGAAATTA 5424  
Db 17 AAAAAATGAAATTA 3

RESULT 1169  
US-08-544-381B-57  
; Sequence 57, Application US/08544381B  
; Patent No. 6027880  
; GENERAL INFORMATION:  
; APPLICANT: Cronin, Maureen T.  
; APPLICANT: Miyada, Charles Garrett  
; APPLICANT: Hubbell, Earl A.  
; APPLICANT: Chee, Mark  
; APPLICANT: Fodor, Stephen P.A.  
; APPLICANT: Huang, Xiaohua C.  
; APPLICANT: Lipshutz, Robert J.  
; APPLICANT: Lobban, Peter E.  
; APPLICANT: Morris, Macdonald S.  
; APPLICANT: Sheldon, Edward L.  
; TITLE OF INVENTION: Arrays of Nucleic Acid Probes for  
; TITLE OF INVENTION: Detecting Cystic Fibrosis  
; NUMBER OF SEQUENCES: 250  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/544,381B  
; FILING DATE: 10-OCT-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/510,521  
; FILING DATE: 02-AUG-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US94/12305  
; FILING DATE: 26-OCT-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/284,064  
; FILING DATE: 02-AUG-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/143,312  
; FILING DATE: 26-OCT-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Liebeschuetz, Joe  
; REGISTRATION NUMBER: 37,505  
; REFERENCE/DOCKET NUMBER: 018547-004130US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-576-0200  
; TELEFAX: 415-576-0300  
; INFORMATION FOR SEQ ID NO: 57:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULAR TYPE: DNA (oligonucleotide)  
US-08-544-381B-57

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1277 ACCACCATGGAGC 1291  
Db 3 ACCACCACGGAGC 17

RESULT 1170  
US-09-256-465-29/c  
; Sequence 29, Application US/09256465  
; Patent No. 6043090  
; GENERAL INFORMATION:  
; APPLICANT: Bretc P. Monia  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-2 EXPRESSION  
; FILE REFERENCE: RTS-0035  
; CURRENT APPLICATION NUMBER: US/09/256,465  
; CURRENT FILING DATE: 1999-02-23  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 29  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-256-465-29

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3605 ATCTCAACTCCTGG 3619  
Db 15 ATCTCAACTCCTTG 1

RESULT 1171  
US-09-163-162-36/c  
; Sequence 36, Application US/09163162  
; Patent No. 6077709  
; GENERAL INFORMATION:  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Ackermann, Elizabeth J.  
; APPLICANT: Swayze, Eric E.  
; TITLE OF INVENTION: ANTISENSE MODULATION OF Survivin EXPRESSION  
; FILE REFERENCE: RTS-0008  
; CURRENT APPLICATION NUMBER: US/09/163,162  
; CURRENT FILING DATE: 1998-09-29  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 36  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-163-162-36

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3871 TTGTGATGAGAGAA 3885  
Db 16 TGTGTGATGAGAGAA 2

RESULT 1172  
US-09-054-830-14/c  
; Sequence 14, Application US/09054830  
; Patent No. 6127121  
; GENERAL INFORMATION:  
; APPLICANT: Meyer, Rich



```

; TITLE OF INVENTION: OLIGONUCLEOTIDES CONTAINING
; TITLE OF INVENTION: PYRAZOLO[3,4-D]PYRIMIDINES FOR HYBRIDIZATION AND
; TITLE OF INVENTION: MISMATCH DISCRIMINATION
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/054,830
; FILING DATE:
; CLASSIFICATION:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brennan, Sean M
; REGISTRATION NUMBER: 39,917
; REFERENCE/DOCKET NUMBER: 34469-20005.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-054-830-14
;
Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 1076 GCTGGGATCCCCAC 1090
Db 15 GCTGGGAAACCCAC 1

RESULT 1173
US-09-174-437-12
; Sequence 12, Application US/09174437A
; Patent No. 6133007
; GENERAL INFORMATION:
; APPLICANT: Loughney, Kate
; TITLE OF INVENTION: Phosphodiesterase 8A
; FILE REFERENCE: 27866/35047
; CURRENT APPLICATION NUMBER: US/09/174,437A
; CURRENT FILING DATE: 1998-10-16
; EARLIER APPLICATION NUMBER: 08/951,648
; EARLIER FILING DATE: 1997-10-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-174-437-12
;
Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Cy 3962 TGGCAGGCGCTCTGC 3976
Db 2 TGGCAGGCGCTCTGC 16

RESULT 1174
US-09-487-444-11/c
; Sequence 11, Application US/09487444
; Patent No. 6159697
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
; FILE REFERENCE: RTS-0133
; CURRENT APPLICATION NUMBER: US/09/487,444
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-444-11
;
Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 2641 CTGCAGCTGCTGCTG 2655
Db 18 CTGCCTGCTGCTGCTG 4

RESULT 1175
US-09-286-407-36/c
; Sequence 36, Application US/09286407A
; Patent No. 6165788
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Ackermann, Elizabeth J.
; APPLICANT: Swayze, Eric B.
; APPLICANT: Cowser, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0349
; CURRENT APPLICATION NUMBER: US/09/286,407A
; CURRENT FILING DATE: 1999-04-05
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-286-407-36
;
Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 3871 TTGTGATGAGAGAA 3885
Db 16 TGTGTATGAGAGAA 2

RESULT 1176
US-09-474-922A-67
; Sequence 67, Application US/09474922A
; Patent No. 6187586
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
US-09-474-922A-67
```

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      1 APPLICANT: Richard A. Roth
      2 TITLE OF INVENTION: ANTISENSE MODULATION OF AIC-3 EXPRESSION
      3 FILE REFERENCE: RTS-0036
      4 CURRENT APPLICATION NUMBER: US/09/474,922A
      5 CURRENT FILING DATE: 1999-12-29
      6 NUMBER OF SEQ ID NOS: 89
      7 SEQ ID NO 67
      8 LENGTH: 18
      9 TYPE: DNA
     10 ORGANISM: Artificial Sequence
     11 FEATURE:
     12 OTHER INFORMATION: Antisense Oligonucleotide
     13 US-09-474-922A-67

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1443 TCGAGGACATTAAAT 1457
Db 4 TCGAGGAAATTTAAAT 18

RESULT 1177
US-09-038-073-2581/C
Sequence 2581, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Pasteo Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2581:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2581

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;

```

Matches	14;	Conservative	0;	Mismatches	1;	Indels	0;	Gaps	0;
QY	1109	CCAGAGCAGCAGC	1123						
Db	16	CCAGAGCAGCAGG	2						
<p>RESULT 1178</p> <p>US-09-038-073-2672/c</p> <p>Sequence 2672, Application US/09038073</p> <p>Patent No. 6194150</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Stinchcomb, Daniel T.</p> <p>APPLICANT: Jarvis, Thale</p> <p>APPLICANT: McSwigen, James</p> <p>TITLE OF INVENTION: METHOD AND REAGENT FOR THE</p> <p>TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE</p> <p>TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES</p> <p>NUMBER OF SEQUENCES: 2751</p> <p>CORRESPONDENCE ADDRESS:</p> <p>ADDRESSEE: Lyon &amp; Lyon</p> <p>STREET: 633 West Filth Street</p> <p>STREET: Suite 4700</p> <p>CITY: Los Angeles</p> <p>STATE: California</p> <p>COUNTRY: U.S.A.</p> <p>ZIP: 90071</p> <p>COMPUTER READABLE FORM:</p> <p>MEDIUM TYPE: 3.5" Diskette, 1.44 MB</p> <p>MEDIUM TYPE: storage</p> <p>COMPUTER: IBM Compatible</p> <p>OPERATING SYSTEM: IBM P.C. DOS 5.0</p> <p>SOFTWARE: FastSeq Version 1.5</p> <p>CURRENT APPLICATION DATA:</p> <p>APPLICATION NUMBER: US/09/038,073</p> <p>FILING DATE:</p> <p>PRIOR APPLICATION DATA:</p> <p>APPLICATION NUMBER: 08/585,684</p> <p>FILING DATE:</p> <p>ATTORNEY/AGENT INFORMATION:</p> <p>NAME: Warburg, Richard</p> <p>REGISTRATION NUMBER: 32,327</p> <p>REFERENCE/DOCKET NUMBER: 218/078</p> <p>TELECOMMUNICATION INFORMATION:</p> <p>TELEPHONE: (213) 489-1600</p> <p>TELEFAX: (213) 955-0440</p> <p>TELEX: 67-3510</p> <p>INFORMATION FOR SEQ ID NO: 2672:</p> <p>SEQUENCE CHARACTERISTICS:</p> <p>LENGTH: 18 base pairs</p> <p>TYPE: nucleic acid</p> <p>STRANDEDNESS: single</p> <p>TOPOLOGY: linear</p> <p>US-09-038-073-2672</p> <p>Query Match 0.2%; Score 13.4; DB 1; Length 18;</p> <p>Best Local Similarity 93.3%; Pred. No. 7.3e+02;</p> <p>Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;</p> <p>QY 438 CAAAGGACAGCAGTG 452</p> <p>Db 15 CAAAGGACAGCAGTG 1</p> <p>RESULT 1179</p> <p>US-09-071-433-14</p> <p>Sequence 14, Application US/09071433A</p> <p>Patent No. 6197584</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Bennett, C. Frank</p> <p>APPLICANT: Cowart, Lex M</p> <p>TITLE OF INVENTION: Antisense Modulation of CD40 Expression</p> <p>FILE REFERENCE: RTS-0002</p>									

CURRENT APPLICATION NUMBER: US/09/071,433A  
CURRENT FILING DATE: 1998-05-01  
NUMBER OF SEQ ID NOS: 91  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 14  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-071-433-14

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 438 CAAAGACAGACTG 452  
DB 3 CAAAGACAGACTG 17

RESULT 1180  
US-09-038-637-142/c  
Sequence 142, Application US/09038637  
Patent No. 6235470  
GENERAL INFORMATION:  
APPLICANT: Sidransky, David  
TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA  
NUMBER OF SEQUENCES: 195  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 4225 Executive Square, Suite 1400  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: FastSeq for Windows Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038,637  
FILING DATE: 10-MAR-1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/579,233  
FILING DATE: 28-DEC-1995  
APPLICATION NUMBER: 08/152,313  
FILING DATE: 12-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Hallie, Lisa A.  
REGISTRATION NUMBER: 38,347  
REFERENCE/DOCKET NUMBER: 07265/146001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619/678-5070  
TELEFAX: 619/678-5099  
INFORMATION FOR SEQ ID NO: 142:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
US-09-038-637-142

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3607 CTCAACTCTGAC 3621  
DB 18 CTCAACTCTGACC 4

RESULT 1181  
US-08-338-352-11  
Sequence 11, Application US/08338352  
Patent No. 6235887  
GENERAL INFORMATION:  
APPLICANT: FROEHLER, BRIAN  
APPLICANT: JONES, ROBERT J.  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FORSTER  
STREET: 755 Page Mall Road  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/338,352  
FILING DATE: 14-NOV-1994  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/935,444  
FILING DATE: 25-AUG-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIG, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 24610-20035.20  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 813-5600  
TELEFAX: (415) 494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-338-352-11

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAAA 1200  
DB 1 AGAGAGAGAGAAA 15

RESULT 1182  
US-09-377-309-15/c  
Sequence 15, Application US/09377309B  
Patent No. 6258790  
GENERAL INFORMATION:  
APPLICANT: Bennett, C. Frank  
APPLICANT: Condon, Tom P.  
TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION  
FILE REFERENCE: ISPH-0390  
CURRENT APPLICATION NUMBER: US/09/377,309B  
CURRENT FILING DATE: 1999-08-19  
EARLIER APPLICATION NUMBER: 09/166,203  
EARLIER FILING DATE: 1998-10-05  
NUMBER OF SEQ ID NOS: 99  
SEQ ID NO 15  
LENGTH: 18

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-377-309-15

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5410 AAAAATGAAATTA 5424
Db      17 AAAGATGAAATTA 3

RESULT 1183
US-09-338-907-49
; Sequence 49, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CP1CP
; CURRENT APPLICATION NUMBER: US/09/338,907
; EARLIER FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 49
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 4-26-RP
US-09-338-907-49

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3075 TGAGACTGCAAGA 3089
Db      1 TGAGACTGCTAGGA 15

RESULT 1184
US-09-338-907-385
; Sequence 385, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CP1CP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
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; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 385
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer for SEQ 192, SEQ 269, SEQ 193, SEQ
US-09-338-907-385

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3075 TGAGACTGCAAGA 3089
Db      1 TGAGACTGCTAGGA 15

RESULT 1185
US-08-778-794A-115
; Sequence 115, Application US/0878794A
; Patent No. 6309823
; GENERAL INFORMATION:
; APPLICANT: Cronin, Maureen T.
; APPLICANT: Miyada, Charles Garrett
; APPLICANT: Hubbell, Earl A.
; APPLICANT: Chee, Mark
; APPLICANT: Podor, Stephen P.A.
; APPLICANT: Huang, Xiaohua C.
; APPLICANT: Lipschutz, Robert J.
; APPLICANT: Lobban, Peter B.
; APPLICANT: Morris, MacDonald S.
; APPLICANT: Sheldon, Edward L.
; TITLE OF INVENTION: Arrays of Nucleic Acid Probes
; TITLE OF INVENTION: for Analyzing Biotransformation Genes
; NUMBER OF SEQUENCES: 156
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/778,794A
; FILING DATE: 03-JAN-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/143,312
; FILING DATE: 26-OCT-1993
; APPLICATION NUMBER: US 08/284,064
; FILING DATE: 02-AUG-1994
; APPLICATION NUMBER: WO PCT/US94/12305
; FILING DATE: 26-OCT-1994
; APPLICATION NUMBER: US 08/510,521
; FILING DATE: 02-AUG-1995
; APPLICATION NUMBER: US 08/544,381
; FILING DATE: 10-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-015700US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
```

TELEFAX: (415) 576-0200  
TELEX:  
INFORMATION FOR SEQ ID NO: 115:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-778-794A-115

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1277 ACCACCATTGGAGC 1291  
DB 3 ACCACCACCGGAGC 17

RESULT 1186  
US-09-496-694B-45/c  
Sequence 45, Application US/09496694B  
Patent No. 6335194  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Elizabeth J. Ackermann  
APPLICANT: Eric B. Swayze  
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
FILE REFERENCE: ISPH-0439  
CURRENT APPLICATION NUMBER: US/09/496,694B  
CURRENT FILING DATE: 2000-02-02  
PRIOR APPLICATION NUMBER: 09/286,407  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 09/163,162  
PRIOR FILING DATE: 1998-09-29  
NUMBER OF SEQ ID NOS: 249  
SEQ ID NO 45  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-496-694B-45

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3871 TTTGTGATGAGAGA 3885  
DB 16 TGTGTGATGAGAGA 2

RESULT 1187  
US-09-496-694B-85/c  
Sequence 85, Application US/09496694B  
Patent No. 6335194  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Elizabeth J. Ackermann  
APPLICANT: Eric B. Swayze  
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
FILE REFERENCE: ISPH-0439  
CURRENT APPLICATION NUMBER: US/09/496,694B  
CURRENT FILING DATE: 2000-02-02  
PRIOR APPLICATION NUMBER: 09/286,407  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 09/163,162  
PRIOR FILING DATE: 1998-09-29  
NUMBER OF SEQ ID NOS: 249

SEQ ID NO 85  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-496-694B-85

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3871 TTTGTGATGAGAGA 3885  
DB 16 TGTGTGATGAGAGA 2

RESULT 1188  
US-09-218-207-49  
Sequence 49, Application US/09218207  
Patent No. 6346381  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Ilyu, Chumakov  
TITLE OF INVENTION: Prostate cancer gene  
FILE REFERENCE: GENSET.018CP1  
CURRENT APPLICATION NUMBER: US/09/218,207  
CURRENT FILING DATE: 1998-12-22  
EARLIER APPLICATION NUMBER: 08/996,306  
EARLIER FILING DATE: 1997-12-22  
EARLIER APPLICATION NUMBER: 60/099,658  
EARLIER FILING DATE: 1998-09-09  
NUMBER OF SEQ ID NOS: 578  
SOFTWARE: Patent .pm  
SEQ ID NO 49  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 1..18  
OTHER INFORMATION: downstream amplification primer 4-26-RP  
US-09-218-207-49

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3075 TGAGACTGCAAGA 3089  
DB 1 TGAGACTGCTAGA 15

RESULT 1189  
US-09-218-207-385  
Sequence 385, Application US/09218207  
Patent No. 6346381  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Ilyu, Chumakov  
TITLE OF INVENTION: Prostate cancer gene  
FILE REFERENCE: GENSET.018CP1  
CURRENT APPLICATION NUMBER: US/09/218,207  
CURRENT FILING DATE: 1998-12-22  
EARLIER APPLICATION NUMBER: 08/996,306  
EARLIER FILING DATE: 1997-12-22  
EARLIER APPLICATION NUMBER: 60/099,658  
EARLIER FILING DATE: 1998-09-09  
NUMBER OF SEQ ID NOS: 578

SOFTWARE: Patent.pm  
SEQ ID NO 385  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1..18  
OTHER INFORMATION: downstream amplification primer for SEQ 192, SEQ 269, SEQ 193, SH  
US-09-218-207-385

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3075 TGAGACTGCAAGCA 3089  
Db 1 TGAGACTGCTAGCA 15

RESULT 1190  
US-08-584-040-8410/c  
Sequence 8410, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggan, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 8410:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-8410  
Query Match 0.2%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 2595 CTGCGGCTGTCTCA 2609  
Db 15 CTGCGGCTGTCTCA 1

RESULT 1191  
US-08-599-738A-10  
Sequence 10, Application US/08599738A  
Patent No. 6380368  
GENERAL INFORMATION:  
APPLICANT: FROEHLER, BRIAN  
APPLICANT: WAGNER, RICK  
APPLICANT: MATTEUCCI, MARK  
APPLICANT: JONES, ROBERT J.  
APPLICANT: GUTIERREZ, ARNOLD J.  
APPLICANT: PUDLO, JEFF  
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GILEAD SCIENCES, INC.  
STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/599,738A  
FILING DATE: 12-FEB-1996  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/473,481  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/976,103  
FILING DATE: 25-NOV-1992  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/965,941  
FILING DATE: 23-OCT-1992  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/338,352  
FILING DATE: 14-NOV-1994  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/935,444  
FILING DATE: 25-AUG-1992  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/799,824  
FILING DATE: 26-NOV-1991  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL D.  
REGISTRATION NUMBER: 36,616  
REFERENCE/DOCKET NUMBER: 162,3D2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 573-4712  
TELEFAX: (415) 573-4899  
TELEX:  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-599-738A-10

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAA 1200  
DB 1 AGAGAGAGAGAGAA 15

RESULT 1192  
US-09-637-751A-6/C  
Sequence 6, Application US/09637751A  
Patent No. 6383754  
GENERAL INFORMATION:  
APPLICANT: Kaufman, Joseph C.  
APPLICANT: Roth, Matthew R.  
APPLICANT: Litard, Paul M.  
APPLICANT: Feng, Li  
APPLICANT: Lattimer, Darin R.  
TITLE OF INVENTION: Binary Encoded Sequence Tags  
Patent No. 6383754  
FILE REFERENCE: AGL 100  
CURRENT APPLICATION NUMBER: US/09/637,751A  
CURRENT FILING DATE: 2000-08-11  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 6  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-637-751A-6

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5401 ACAAAGAGAGAGAA 5415  
DB 18 ACAAAGAGAGAGAA 4

RESULT 1193  
US-09-387-341-91/C  
Sequence 91, Application US/09387341  
Patent No. 6410323  
GENERAL INFORMATION:  
APPLICANT: Roberts, M. Luisa  
APPLICANT: Cowert, Lex M.  
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene  
FILE REFERENCE: ISPH-0404  
CURRENT APPLICATION NUMBER: US/09/387,341  
CURRENT FILING DATE: 1999-08-31  
EARLIER APPLICATION NUMBER: 09/156,424  
EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/156,979  
EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/156,807  
EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/161,015  
EARLIER FILING DATE: 1998-09-25  
NUMBER OF SEQ ID NOS: 233  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 91  
LENGTH: 18  
TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-387-341-91

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1628 GCACAGAGCTGGCCC 1642  
DB 18 GCACAGAGCTGGCCC 4

RESULT 1194  
US-09-387-341-160  
Sequence 160, Application US/09387341  
Patent No. 6410323  
GENERAL INFORMATION:  
APPLICANT: Roberts, M. Luisa  
APPLICANT: Cowert, Lex M.  
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene  
FILE REFERENCE: ISPH-0404  
CURRENT APPLICATION NUMBER: US/09/387,341  
CURRENT FILING DATE: 1999-08-31  
EARLIER APPLICATION NUMBER: 09/156,424  
EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/156,979  
EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/156,807  
EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/161,015  
EARLIER FILING DATE: 1998-09-25  
NUMBER OF SEQ ID NOS: 233  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 160  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-387-341-160

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 761 GGTCACTGTGGCCC 775  
DB 2 GTTCACTGTGGCCC 16

RESULT 1195  
US-09-387-341-167  
Sequence 167, Application US/09387341  
Patent No. 6410323  
GENERAL INFORMATION:  
APPLICANT: Roberts, M. Luisa  
APPLICANT: Cowert, Lex M.  
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene  
FILE REFERENCE: ISPH-0404  
CURRENT APPLICATION NUMBER: US/09/387,341  
CURRENT FILING DATE: 1999-08-31  
EARLIER APPLICATION NUMBER: 09/156,424  
EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/156,979  
EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/156,807  
EARLIER FILING DATE: 1998-09-18  
EARLIER APPLICATION NUMBER: 09/161,015  
EARLIER FILING DATE: 1998-09-25

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; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 167
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-167

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4503 ACCTCTGATGCCCC 4517
Db      1 ACCTCTGATGCCAC 15

RESULT 1196
US-09-144-367-36
; Sequence 36, Application US/09144367
; Patent No. 6432639
; GENERAL INFORMATION:
; APPLICANT: Lichter, Jay
; APPLICANT: Guido, Marco
; TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
; FILE REFERENCE: SEQ-12P
; CURRENT APPLICATION NUMBER: US/09/144,367
; CURRENT FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/058,612
; PRIOR FILING DATE: 1997-09-10
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-144-367-36

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1799 TCTGTCTGCACTGGA 1813
Db      3 TCTGTCTGCACTGGA 17

RESULT 1197
US-09-431-385-14/C
; Sequence 14, Application US/09431385
; Patent No. 6485906
; GENERAL INFORMATION:
; APPLICANT: Meyer, Rich
; TITLE OF INVENTION: OLIGONUCLEOTIDES CONTAINING
; TITLE OF INVENTION: PYRAZOLO[3,4-D]PYRIMIDINES FOR HYBRIDIZATION AND
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/431,385
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; FILING DATE: 1999-NOV-01
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/054,830
; FILING DATE: 1998-APR-03
; ATTORNEY/AGENT INFORMATION:
; NAME: Brennan, Sean M
; REGISTRATION NUMBER: 39,917
; REFERENCE/DOCKET NUMBER: 34469-20005.01
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-431-385-14

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1076 GCTGGGAGATCCGAC 1090
Db      15 GCTGGGAGAACCCAC 1

RESULT 1198
US-09-077-619-17
; Sequence 17, Application US/09077619
; Patent No. 6500614
; GENERAL INFORMATION:
; APPLICANT: ARGUELLO, Rafael
; APPLICANT: AVAKTAN, Hovanes
; TITLE OF INVENTION: METHOD FOR IDENTIFYING AN UNKNOWN ALLELE
; FILE REFERENCE: 028979/0104
; CURRENT APPLICATION NUMBER: US/09/077,619
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/GB96/02959
; PRIOR FILING DATE: 1996-11-29
; PRIOR APPLICATION NUMBER: GB 9524381.2
; PRIOR FILING DATE: 1995-11-29
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-077-619-17

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4549 GAGCAGCTGATGCC 4563
Db      2 GAGCAGCTGAGAGCC 16

RESULT 1199
US-09-422-978-5874/C
; Sequence 5874, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSSET.020CPI
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; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-7475 for SEQ 1940,
US-09-422-978-5874

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy          1189 GAGAGAGAGAAATCA 1203
Db          15 GAGAGAGAGAAATCA 1

RESULT 1200
US-09-422-978-7435
; Sequence 7435, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7435
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-4649 for SEQ 3501,
US-09-422-978-7435

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy          3582 GCGTCCCATGTGC 3596
Db          2 GGTTCCTCATGTGC 16

RESULT 1201
US-09-422-978-7679/C
; Sequence 7679, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-10948 for SEQ 3745,
US-09-422-978-7679

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy          1526 CTGCTGGAATTGGGA 1540
Db          18 CGGCTGGAAATGGGA 4

RESULT 1202
US-09-422-978-8412
; Sequence 8412, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8412
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-15310 for SEQ 547, in complemer
US-09-422-978-8412

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy          2121 GATGAGCGGAGAGA 2135
Db          3 GATGAGCGGAGAGA 17

RESULT 1203
US-09-422-978-11781
; Sequence 11781, Application US/09422978
; Patent No. 6537751
```

```
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CC1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11781
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 4-26 for SEQ 3916, in complement
US-09-422-978-11781
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 3075 TGAGAGCTGCAAGA 3089
Db 1 TGAGAGCTGCTAGCA 15
```

```
RESULT 1204
US-09-509-654-1
; Sequence 1, Application US/09509654
; Patent No. 6537805
; GENERAL INFORMATION:
; APPLICANT: VON MELCHNER, HARALD
; APPLICANT: ANDREU, THOMAS
; APPLICANT: BEBENSBERGER, CHRISTOPHE
; TITLE OF INVENTION: SELF-DELETING VECTORS FOR CANCER THERAPY
; FILE REFERENCE: 07089.000901
; CURRENT APPLICATION NUMBER: US/09/509,654
; CURRENT FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: PCT/EP99/03607
; PRIOR FILING DATE: 1999-05-25
; PRIOR APPLICATION NUMBER: Germany 198 34 430.9
; PRIOR FILING DATE: 1998-07-30
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of artificial sequence:/note=synthetic
; OTHER INFORMATION: construct
US-09-509-654-1
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 2098 GCCTGACCTGCGCTG 2112
Db 4 GCCTGACCTGCGCTG 18
```

```
RESULT 1205
US-09-686-055A-12
; Sequence 12, Application US/09686055A
```

```
; Patent No. 6566087
; GENERAL INFORMATION:
; APPLICANT: Loughney, Kate
; TITLE OF INVENTION: Phosphodiesterase 8A
; FILE REFERENCE: 27866/35047
; CURRENT APPLICATION NUMBER: US/09/686,055A
; CURRENT FILING DATE: 2000-10-11
; PRIOR APPLICATION NUMBER: 08/951,648
; PRIOR FILING DATE: 1997-10-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-09-686-055A-12
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 3962 TGCGAGGCGCTCTGC 3976
Db 2 TGCGAAGCGCTCTGC 16
```

```
RESULT 1206
US-09-371-772B-4066/C
; Sequence 4066, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggan, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4066
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-4066
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY 2595 CTGCGAGCTGTCTCA 2609
Db 15 CTGCGAGCTGTCTCA 1
```

```
RESULT 1207
US-10-294-203-10
; Sequence 10, Application US/10294203
; Patent No. 6753168
; GENERAL INFORMATION:
; APPLICANT: Froehner, Brian
; APPLICANT: Wagner, Rick
; APPLICANT: Mateucci, Mark
; APPLICANT: Jones, Robert J.
```

```

; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Pudlo, Jeff
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
; TITLE OF INVENTION: Containing Modified Pyrimidines
; FILE REFERENCE: GLIS0155
; CURRENT APPLICATION NUMBER: US/10/294,203
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 08/599,738
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: 10/024,818
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-294-203-10
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1186 AGAGAGAGAGAGAAA 1200
Db      1 AGAGAGAGAGAGAAA 15
```

```

RESULT 1208
US-09-544-3988-510
; Sequence 510, Application US/095443988
; Patent No. 6770461
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Becker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544,3988
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: ParseSeq for windows Version 4.0
; SEQ ID NO 510
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-544-3988-510
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2355 AGAGACCCCATCC 2369
Db      3 AGAGACCCCATCTC 17
```

```

RESULT 1209
US-09-994-311-6/c
; Sequence 6, Application US/09994311
; Patent No. 6773886
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roch, Matthew E.
```

```

; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Lacimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; Patent No. 6773886
; FILE REFERENCE: AGI 100
; CURRENT APPLICATION NUMBER: US/09/994,311
; CURRENT FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US/09/637,751
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-994-311-6
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      5401 ACAAAGAGAGAGAGAG 5415
Db      18 ACAAAGAGAGAGAGAG 4
```

```

RESULT 1210
US-10-220-587-31
; Sequence 31, Application US/10220587
; Patent No. 6794187
; GENERAL INFORMATION:
; APPLICANT: Placek, Louis
; APPLICANT: White, H. Steve
; APPLICANT: Fu, Ying-Hui
; APPLICANT: Skradaki, Shana
; TITLE OF INVENTION: MASS 1 GENE, A TARGET FOR ANTICONSULSANT DRUG DEVELOPMENT
; FILE REFERENCE: 1321.2.557
; CURRENT APPLICATION NUMBER: US/10/220,587
; CURRENT FILING DATE: 2002-12-02
; PRIOR APPLICATION NUMBER: US 60/187,209
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: US 60/222,898
; PRIOR FILING DATE: 2000-07-03
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-10-220-587-31
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3116 AGACCTGACCGAGC 3130
Db      1 AGATCTGACCGAGC 15
```

```

RESULT 1211
PCT-US91-03680-74/c
; Sequence 74, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
```

```

: TITLE OF INVENTION: DUPLEX DNA
: NUMBER OF SEQUENCES: 158
: CORRESPONDENCE ADDRESS:
: ADDRESSER: Morrison & Foerster
: STREET: 545 Middlefield Road, Suite 200
: CITY: Menlo Park
: STATE: California
: COUNTRY: USA
: ZIP: 94025
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: IBM PC compatible
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: PCT/US91/03680
: FILING DATE: 19910524
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Murashige, Kate H.
: REGISTRATION NUMBER: 29,959
: REFERENCE/DOCKET NUMBER: 4610-0011.40
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 415-327-7250
: TELEFAX: 415-327-2951
: TELEX: 706141
: INFORMATION FOR SEQ ID NO: 74:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 base pairs
: TYPE: NUCLEIC ACID
: STRANDEDNESS: single
: TOPOLOGY: linear
: FEATURE:
: NAME/KEY: modified_base
: LOCATION: 5
: OTHER INFORMATION: /mod_base= OTHER
: OTHER INFORMATION:
: NAME/KEY: modified_base
: LOCATION: 18
: OTHER INFORMATION: /mod_base= OTHER
: OTHER INFORMATION: /note="N4,N4-ethanocytosine"
: PCT-US91-03680-74
:
: Query Match 0.2%; Score 13.4; DB 1; Length 18;
: Best Local Similarity 82.4%; Pred. No. 7.3e+02;
: Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
:
: QY 5397 AAAAAAAAAAGAAA 5413
: Db 17 AAAAAAAAAAKAAA 1
:
: RESULT 1212
: PCT-US91-03680-154/c
: Sequence 154, Application PC/TUS9103680
: GENERAL INFORMATION:
: APPLICANT: Matleucci, Mark D.
: APPLICANT: Krawczyk, Steven
: TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
: TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
: TITLE OF INVENTION: DUPLEX DNA
: NUMBER OF SEQUENCES: 158
: CORRESPONDENCE ADDRESS:
: ADDRESSER: Morrison & Foerster
: STREET: 545 Middlefield Road, Suite 200
: CITY: Menlo Park
: STATE: California
: COUNTRY: USA
: ZIP: 94025
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: IBM PC compatible
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```

: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: PCT/US91/03680
: FILING DATE: 19910524
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Murashige, Kate H.
: REGISTRATION NUMBER: 29,959
: REFERENCE/DOCKET NUMBER: 4610-0011.40
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 415-327-7250
: TELEFAX: 415-327-2951
: TELEX: 706141
: INFORMATION FOR SEQ ID NO: 154:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 base pairs
: TYPE: NUCLEIC ACID
: STRANDEDNESS: single
: TOPOLOGY: linear
: FEATURE:
: NAME/KEY: modified_base
: LOCATION: 5
: OTHER INFORMATION: /mod_base= OTHER
: OTHER INFORMATION: /note="N4,N4-ethanocytosine deoxynucleotide"
: PCT-US91-03680-154
:
: Query Match 0.2%; Score 13.4; DB 1; Length 18;
: Best Local Similarity 87.5%; Pred. No. 7.3e+02;
: Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
:
: QY 1181 GAGAAAGAGAGAGA 1196
: Db 16 GAAAGAGAGAGAGA 1
:
: RESULT 1213
: PCT-US91-07744A-42/c
: Sequence 42, Application PC/TUS9507744A
: GENERAL INFORMATION:
: APPLICANT: Trustees of The University of Pennsylvania
: TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
: TITLE OF INVENTION: and Pathogens
: NUMBER OF SEQUENCES: 82
: CORRESPONDENCE ADDRESS:
: ADDRESSER: Woodcock, Washburn, Kurtz, Mackiewicz & Norris
: STREET: One Liberty Place, 46th floor
: CITY: Philadelphia
: STATE: PA
: COUNTRY: USA
: ZIP: 19103
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: IBM PC compatible
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: PCT/US95/07744A
: FILING DATE: 15-JUNE-1995
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/261,822
: FILING DATE: June 17, 1994
: ATTORNEY/AGENT INFORMATION:
: NAME: Beardsell, Lori Y.
: REGISTRATION NUMBER: 34,293
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (215) 568-3100
: TELEFAX: (215) 568-3439
: INFORMATION FOR SEQ ID NO: 42:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 base pairs
: TYPE: nucleic acid
```

STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
PCT-US95-07744A-42

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4239 CCGGCTCCATCCTGA 4253  
Db 18 CCGGCTCCATCCTGA 4

RESULT 1214  
US-08-246-583-13  
Sequence 13, Application US/08246583  
Patent No. 5750394  
GENERAL INFORMATION:  
APPLICANT: Palere, Peter  
APPLICANT: O'Neill, Robert  
TITLE OF INVENTION: IDENTIFICATION AND USE OF ANTIVIRAL  
TITLE OF INVENTION: COMPOUNDS THAT INHIBIT INTERACTION OF HOST CELL PROTEINS  
TITLE OF INVENTION: AND VIRAL PROTEINS REQUIRED FOR VIRAL REPLICATION  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PENNIR & EDMONDS  
STREET: 1155 AVENUE OF THE AMERICAS  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/246,583  
FILING DATE: 20-MAY-1994  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 6923-040  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-8864/9741  
TELEX: 66141 PENNIR  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-246-583-13  
Query Match 0.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 7.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3446 AGCAGAGAAACCTC 3460  
Db 5 AGCAGAGAAACCTC 19

RESULT 1215  
US-08-299-074A-40  
Sequence 40, Application US/08299074A  
Patent No. 5955263

GENERAL INFORMATION:  
APPLICANT: Vogelstein, Bert  
APPLICANT: Kinzler, Kenneth  
APPLICANT: Sherman, Michael  
TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING  
TITLE OF INVENTION: BT P53  
NUMBER OF SEQUENCES: 41  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Witcoff  
STREET: 1001 G Street, NW  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20001  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/299,074A  
FILING DATE: 01-SEP-1994  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/860,758  
FILING DATE: 31-MAR-1992  
APPLICATION NUMBER: 07/715,182  
FILING DATE: 14-JUN-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Kagan, Sarah A  
REGISTRATION NUMBER: 32141  
REFERENCE/DOCKET NUMBER: 01107.47071  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-508-9100  
TELEFAX: 202-508-9299  
TELEX:  
INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-299-074A-40  
Query Match 0.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 7.7e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2098 GCGTGACCTGCGCTG 2112  
Db 4 GCGTGACCTGCGCTG 18

RESULT 1216  
US-08-881-784-18/c  
Sequence 18, Application US/08881784  
Patent No. 6083731  
GENERAL INFORMATION:  
APPLICANT: Croteau, Rodney B.  
APPLICANT: Lupien, Shari L.  
APPLICANT: Karp, Frank  
TITLE OF INVENTION: RECOMBINANT MATERIALS AND METHODS FOR  
TITLE OF INVENTION: THE PRODUCTION OF LIMONENE HYDROXYLASES  
NUMBER OF SEQUENCES: 58  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Christensen, O'Connor, Johnson and Kindness  
STREET: 1420 Fifth Avenue, Suite 2800  
CITY: Seattle  
STATE: WA  
COUNTRY: USA  
ZIP: 98101  
COMPUTER READABLE FORM:

```

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/881,784
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Shelton, Dennis K.
; REGISTRATION NUMBER: 26,997
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 224-0718
; TELEFAX: (206) 224-0718
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..19
; OTHER INFORMATION: /product= "Primer 3.B (table 1)"
;
US-08-881-784-18
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.7e+02;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
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```
QY      5392 TAAAAAATACAAAAAGA 5410
       :|||||:|||||:
Db      19 DAAAAAAAAAAAAAAAAAAAA 1
```

```

RESULT 1217
US-09-292-768-18/c
; Sequence 18, Application US/09292768
; Patent No. 6194185
; GENERAL INFORMATION:
; APPLICANT: Croteau, Rodney B
; APPLICANT: Lupien, Shari L
; TITLE OF INVENTION: RECOMBINANT MATERIALS AND METHODS FOR THE PRODUCTION OF
; TITLE OF INVENTION: LIMONENE HYDROXYLASES
; FILE REFERENCE: wsu13463
; CURRENT APPLICATION NUMBER: US/09/292,768
; CURRENT FILING DATE: 1999-04-14
; EARLIER APPLICATION NUMBER: 08/881,784
; EARLIER FILING DATE: 1997-06-24
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer 3.B
; NAME/KEY: misc_feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: Oligonucleotide primer that primes the polyA tail
; OTHER INFORMATION: on cDNA molecules
;
US-09-292-768-18
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.7e+02;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5392 TAAAAAATACAAAAAGA 5410
       :|||||:|||||:
       :|||||:|||||:
```

```

Db      19 DAAAAAAAAAAAAAAAAAAAA 1

RESULT 1218
US-09-522-800-13/c
; Sequence 13, Application US/09522800
; Patent No. 621164
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; APPLICANT: Lan, Yuo
; APPLICANT: Giranda, Vincent L.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES OF THE HUMAN
; TITLE OF INVENTION: CHK1 GENE AND USES THEREOF
; FILE REFERENCE: 6675.US.O1
; CURRENT APPLICATION NUMBER: US/09/522,800
; CURRENT FILING DATE: 2000-03-10
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: CHK1-as12
;
US-09-522-800-13
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Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY      4763 AACTCTGGAGGAGG 4777
       |||||:|||||:
Db      18 AACCTGGAGGAGG 4
```

```

RESULT 1219
US-09-399-773-40
; Sequence 40, Application US/09399773
; Patent No. 624515
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; TITLE OF INVENTION: BY P53
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Banner & Wilcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/399,773
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/299,074
; FILING DATE:
; APPLICATION NUMBER: 07/715,182
; FILING DATE: 14-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.47071
; TELECOMMUNICATION INFORMATION:
```

TELEPHONE: 202-508-9100  
TELEFAX: 202-508-9299  
INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-399-773-40

Query Match 0.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 7.7e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2098 GCCTGCACTTGCTG 2112  
DB 4 GCCTGCACTTGCTG 18

RESULT 1220  
US-09-564-805-175  
Sequence 175, Application US/09564805  
Patent No. 6333403  
GENERAL INFORMATION:  
APPLICANT: Tavtigian, Sean V.  
APPLICANT: Teng, David H.F.  
APPLICANT: Simard, Jacques  
APPLICANT: Rommens, Johanna M.  
APPLICANT: Myriad Genetics, Inc.  
TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility  
FILE REFERENCE: 2318-258  
CURRENT APPLICATION NUMBER: US/09/564,805  
CURRENT FILING DATE: 2000-05-05  
PRIOR APPLICATION NUMBER: US 60/107,468  
PRIOR FILING DATE: 1998-11-06  
PRIOR APPLICATION NUMBER: 09/434,382  
PRIOR FILING DATE: 1999-11-05  
NUMBER OF SEQ ID NOS: 240  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 175  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-564-805-175

Query Match 0.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 7.7e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4630 GAGAGGCTGCTGCT 4644  
DB 3 GAGATGCTGCTGCT 17

RESULT 1221  
US-09-636-791A-24  
Sequence 24, Application US/09636791A  
Patent No. 6503703  
GENERAL INFORMATION:  
APPLICANT: Palese et al  
TITLE OF INVENTION: IDENTIFICATION AND USE OF ANTI-VIRAL COMPOUNDS THAT  
INHIBIT INTERACTION OF HOST CELL PROTEINS AND VIRAL  
FILE REFERENCE: 6923-077-999  
CURRENT APPLICATION NUMBER: US/09/636,791A  
CURRENT FILING DATE: 2000-08-11  
PRIOR APPLICATION NUMBER: 60/148,263  
PRIOR FILING DATE: 1999-08-11  
NUMBER OF SEQ ID NOS: 42  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 24

LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: oligonucleotide  
US-09-636-791A-24

Query Match 0.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 7.7e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3446 AGCAGGAAACCTC 3460  
DB 5 AGCAGGAAACCTC 19

RESULT 1222  
US-09-422-978-11331  
Sequence 11331, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumentfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Allelic markers for use in constructing a high density...  
FILE REFERENCE: GENSER 020CP1  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 11331  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..19  
OTHER INFORMATION: downstream amplification primer 99-4283 for SEQ 3466, in complement  
US-09-422-978-11331

Query Match 0.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 7.7e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3703 TCTCGCTCTGCA 3717  
DB 4 TCTCTCTCTCA 18

RESULT 1223  
US-09-548-797B-51/C  
Sequence 51, Application US/09548797B  
Patent No. 6683165  
GENERAL INFORMATION:  
APPLICANT: KEITH, TIM  
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES AND  
FILE REFERENCE: 2976-4039  
CURRENT APPLICATION NUMBER: US/09/548,797B  
CURRENT FILING DATE: 2002-11-26  
PRIOR APPLICATION NUMBER: 60/129,391  
PRIOR FILING DATE: 1999-04-13  
NUMBER OF SEQ ID NOS: 170  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 51  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence

```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; US-09-548-797B-51

Query Match
Best Local Similarity 93.3%; Pred. No. 7.7e+02; Length 19;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 169 ATCTGAGAACACAG 183
Db 18 ACCTGAGAACACAG 4

RESULT 1224
US-09-371-307-85/c
; Sequence 85, Application US/09371307A
; Patent No. 6723897
; GENERAL INFORMATION:
; APPLICANT: Brown, Sherri M.
; APPLICANT: Heck, Gregory R.
; APPLICANT: Piller, Kenneth J.
; APPLICANT: Kishore, Ganesh M.
; APPLICANT: Ellich, Tedd D.
; APPLICANT: Logusch, Eugene W.
; APPLICANT: Rao, Sudachudula
; APPLICANT: Ream, Joel E.
; APPLICANT: Logusch, Sherry J.
; TITLE OF INVENTION: Methods for controlling gibberellin levels
; FILE REFERENCE: MOBT:216
; CURRENT APPLICATION NUMBER: US/09/371.307A
; CURRENT FILING DATE: 1999-08-10
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 85
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Primer
; US-09-371-307-85

Query Match
Best Local Similarity 78.9%; Pred. No. 7.7e+02; Length 19;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAGA 5410
Db 19 BAAAAAATACAAAAGA 1

RESULT 1225
US-09-281-646B-5/c
; Sequence 5, Application US/09281646B
; Patent No. 6759238
; GENERAL INFORMATION:
; APPLICANT: Schuetz, John
; APPLICANT: Fridland, Arnold
; TITLE OF INVENTION: MULTIDRUG RESISTANCE ASSOCIATED PROTEINS AND USES THEREOF
; FILE REFERENCE: SI-0020
; CURRENT APPLICATION NUMBER: US/09/281.646B
; CURRENT FILING DATE: 1999-03-31
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer.
; US-09-281-646B-5

Query Match
Best Local Similarity 93.3%; Pred. No. 7.7e+02; Score 13.4; DB 1; Length 19;
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```
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5232 CAGAGATCTACAA 5246
Db 18 CAGAGATCTTCA 4

RESULT 1226
US-09-696-791-198/c
; Sequence 198, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696.791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 198
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
; US-09-696-791-198

Query Match
Best Local Similarity 93.3%; Pred. No. 7.7e+02; Score 13.4; DB 1; Length 19;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2559 TGATGAGGGAGAG 2573
Db 19 TGATGAGGGAGAG 5

RESULT 1227
US-09-696-791-415
; Sequence 415, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696.791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 415
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk4 ribozyme binding site
; US-09-696-791-415

Query Match
Best Local Similarity 93.3%; Pred. No. 7.7e+02; Score 13.4; DB 1; Length 19;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4024 CACTTGTGGCTCTC 4038
Db 5 CACTTGTGGCTCTC 19

RESULT 1228
US-09-696-791-1399
; Sequence 1399, Application US/09696791
; Patent No. 6770633
```



```
/ GENERAL INFORMATION:
/ APPLICANT: Robbins, Joan M.
/ TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
/ TITLE OF INVENTION: SKIN AND EYE DISEASES
/ FILE REFERENCE: 480124.407
/ CURRENT APPLICATION NUMBER: US/09/696,791
/ CURRENT FILING DATE: 2000-10-25
/ NUMBER OF SEQ ID NOS: 4523
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 1399
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ OTHER INFORMATION: cdk-we-hu ribozyme binding site
/ US-09-696-791-1399

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3531 GAGTAATGACATC 3545
DB      3 GAGTAATGAAACATC 17

RESULT 1229
US-09-696-791-2367
/ Sequence 2367, Application US/09696791
/ Patent No. 6770633
/ GENERAL INFORMATION:
/ APPLICANT: Robbins, Joan M.
/ TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
/ TITLE OF INVENTION: SKIN AND EYE DISEASES
/ FILE REFERENCE: 480124.407
/ CURRENT APPLICATION NUMBER: US/09/696,791
/ CURRENT FILING DATE: 2000-10-25
/ NUMBER OF SEQ ID NOS: 4523
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 2367
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ OTHER INFORMATION: Cyclin F ribozyme binding site
/ US-09-696-791-2367

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1655 TGAGTCGCTGAGC 1669
DB      5 TCAGTCGCTGAGC 19

RESULT 1230
US-09-696-791-2368
/ Sequence 2368, Application US/09696791
/ Patent No. 6770633
/ GENERAL INFORMATION:
/ APPLICANT: Robbins, Joan M.
/ TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
/ TITLE OF INVENTION: SKIN AND EYE DISEASES
/ FILE REFERENCE: 480124.407
/ CURRENT APPLICATION NUMBER: US/09/696,791
/ CURRENT FILING DATE: 2000-10-25
/ NUMBER OF SEQ ID NOS: 4523
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 2368
```

```
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ OTHER INFORMATION: Cyclin F ribozyme binding site
/ US-09-696-791-2368

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1655 TGAGTCGCTGAGC 1669
DB      3 TCAGTCGCTGAGC 17

RESULT 1231
US-09-696-791-2411/c
/ Sequence 2411, Application US/09696791
/ Patent No. 6770633
/ GENERAL INFORMATION:
/ APPLICANT: Robbins, Joan M.
/ TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
/ TITLE OF INVENTION: SKIN AND EYE DISEASES
/ FILE REFERENCE: 480124.407
/ CURRENT APPLICATION NUMBER: US/09/696,791
/ CURRENT FILING DATE: 2000-10-25
/ NUMBER OF SEQ ID NOS: 4523
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 2411
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ OTHER INFORMATION: Cyclin F ribozyme binding site
/ US-09-696-791-2411

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1641 CCAGTCCAGGTGCT 1655
DB      17 CCAGTCCAGGTGCT 3

RESULT 1232
US-09-696-791-2556/c
/ Sequence 2556, Application US/09696791
/ Patent No. 6770633
/ GENERAL INFORMATION:
/ APPLICANT: Robbins, Joan M.
/ TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
/ TITLE OF INVENTION: SKIN AND EYE DISEASES
/ FILE REFERENCE: 480124.407
/ CURRENT APPLICATION NUMBER: US/09/696,791
/ CURRENT FILING DATE: 2000-10-25
/ NUMBER OF SEQ ID NOS: 4523
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 2556
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ OTHER INFORMATION: Cyclin F ribozyme binding site
/ US-09-696-791-2556

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1849 TTGCTGGGGAACACT 1863
      |||||
Db      19  TTGCTGGGGAACACT 5

RESULT 1233
US-09-696-791-2557/C
; Sequence 2557, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2557
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin F ribozyme binding site
US-09-696-791-2557

Query Match
Best Local Similarity 93.3%; DB 1; Length 19;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1849 TTGCTGGGGAACACT 1863
      |||||
Db      18  TTGCTGGGGAACACT 4

RESULT 1234
US-09-696-791-2585/C
; Sequence 2585, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2585
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin G1 ribozyme binding site
US-09-696-791-2585

Query Match
Best Local Similarity 93.3%; DB 1; Length 19;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3210 ACAGCAGCTGCAGCT 3224
      |||||
Db      15  ACAGCAGCTGCAGCT 1

RESULT 1235
5169941-27
; Patent No. 5169941
; APPLICANT: MACH, BERNARD F.; LONG, ERIC O.; WAKE, CLAIRE T.
; TITLE OF INVENTION: DNA SEQUENCES CODING FOR THE DR B CHAIN
; LOCUS OF THE HUMAN LYMPHOCYTE ANTIGEN COMPLEX AND POLYPEPTIDES
```

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; DIAGNOSTIC TYPING PROCESSES AND PRODUCTS RELATED THERETO
; NUMBER OF SEQUENCES: 31
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/518,393
; FILING DATE: 29-JUL-1983
; SEQ ID NO:27
; LENGTH: 19
5169941-27

Query Match
Best Local Similarity 93.3%; DB 1; Length 19;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4043 GGGGCCATGTGACA 4057
      |||||
Db      1  GGGGCCAGGTGACA 15

RESULT 1236
US-09-418-641-32
; Sequence 32, Application US/09418641A
; Patent No. 6124133
; GENERAL INFORMATION:
; APPLICANT: Jennifer K. Taylor
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
; FILE REFERENCE: RTS-0105
; CURRENT APPLICATION NUMBER: US/09/418,641A
; CURRENT FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-641-32

Query Match
Best Local Similarity 93.3%; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1  GGGCCAGGCGCTGGA 15
      |||||
Db      6  GGGCCAGGCGCGGA 20

RESULT 1237
US-09-657-472-2069
; Sequence 2069, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2069
; LENGTH: 21
; TYPE: DNA
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ORGANISM: Homo sapiens  
US-09-657-472-2069

Query Match 0.2%; Score 13.4; DB 1; Length 21;  
Best Local Similarity 82.4%; Pred. No. 8.3e+02;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

OY 1104 AGCACCAGAGCAGG 1120  
DB 3 AGCATCCGAGCAGCAGG 19

RESULT 1238

US-07-822-043-16/c  
Sequence 16 Application US/07822043

Patent No. 5449753

GENERAL INFORMATION:

APPLICANT: STRACKE, MARY

APPLICANT: LIOTTA, LANCE

APPLICANT: SCHIFFMANN, ELLIOTT

APPLICANT: KRUTZSCH, HENRY

TITLE OF INVENTION: MOTILITY STIMULATING PROTEIN USEFUL IN

TITLE OF INVENTION: CANCER DIAGNOSIS AND THERAPY

NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:

ADDRESSEE: CUSHMAN DARBY AND CUSHMAN

STREET: 1615 L STREET, N.W.

CITY: WASHINGTON

STATE: D.C.

COUNTRY: U.S.A.

ZIP: 20036

COMPUTER READABLE FORM:

MEDIUM TYPE: Tape

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/822,043

FILING DATE: 19920117

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: SCOTT, WATSON T

REGISTRATION NUMBER: 26581

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202)-861-3000

TELEFAX: (202) 822-0944

TELEX: 6714627CUSH

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: NUCLEIC ACID

STRANDEDNESS: single

TOPOLOGY: linear

US-07-822-043-16

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 4249 CCTGAGAGTCACC 4263  
DB 15 CCTGARGAGTACC 1

RESULT 1239

US-07-822-043-17

Sequence 17 Application US/07822043

Patent No. 5449753

GENERAL INFORMATION:

APPLICANT: STRACKE, MARY

APPLICANT: LIOTTA, LANCE

APPLICANT: SCHIFFMANN, ELLIOTT

APPLICANT: KRUTZSCH, HENRY

TITLE OF INVENTION: MOTILITY STIMULATING PROTEIN USEFUL IN  
TITLE OF INVENTION: CANCER DIAGNOSIS AND THERAPY

NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:

ADDRESSEE: CUSHMAN DARBY AND CUSHMAN

STREET: 1615 L STREET, N.W.

CITY: WASHINGTON

STATE: D.C.

COUNTRY: U.S.A.

ZIP: 20036

COMPUTER READABLE FORM:

MEDIUM TYPE: Tape

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/822,043

FILING DATE: 19920117

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: SCOTT, WATSON T

REGISTRATION NUMBER: 26581

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202)-861-3000

TELEFAX: (202) 822-0944

TELEX: 6714627CUSH

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: NUCLEIC ACID

STRANDEDNESS: single

TOPOLOGY: linear

US-07-822-043-17

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 4249 CCTGAGAGTCACC 4263  
DB 1 CCTGARGAGTACC 15

RESULT 1240

US-08-346-455B-16/c

Sequence 16 Application US/08346455B

Patent No. 5731167

GENERAL INFORMATION:

APPLICANT: UNITED STATES OF AMERICA; DEPT.

APPLICANT: OF HEALTH AND HUMAN SERVICES

TITLE OF INVENTION: MOTILITY STIMULATING

TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND

NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORGAN & FINNEGAN

STREET: 345 PARK AVENUE

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: U.S.A.

ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy Disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/346,455B

FILING DATE: 28-NOV-1994

CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/06613

FILING DATE: 24-MAY-1995

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/249,182  
FILING DATE: 25-MAY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/822,043  
FILING DATE: 17-JAN-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: DOROTHY R. AUTH  
REGISTRATION NUMBER: 36,434  
REFERENCE/DOCKET NUMBER: 2026-4149PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 758-4800  
TELEFAX: (212) 751-6849  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-346-455B-16

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 4249 CCTGAGAGTACC 4263  
DB 15 CCTGARGAGTACC 1

RESULT 1241  
US-08-346-455B-17  
Sequence 17, Application US/08346455B  
Patent No. 5731167  
GENERAL INFORMATION:  
APPLICANT: UNITED STATES OF AMERICA; DEPT.  
TITLE OF INVENTION: MOTILITY STIMULATING  
TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND  
TITLE OF INVENTION: THERAPY  
NUMBER OF SEQUENCES: 69  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & FINNEGAN  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: U.S.A.  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/346,455B  
FILING DATE: 28-NOV-1994  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/06613  
FILING DATE: 24-MAY-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/249,182  
FILING DATE: 25-MAY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/822,043  
FILING DATE: 17-JAN-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: DOROTHY R. AUTH  
REGISTRATION NUMBER: 36,434  
REFERENCE/DOCKET NUMBER: 2026-4149PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 758-4800  
TELEFAX: (212) 751-6849

INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-346-455B-17

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 4249 CCTGAGAGTACC 4263  
DB 1 CCTGARGAGTACC 15

RESULT 1242  
US-08-977-221-16/c  
Sequence 16, Application US/08977221  
Patent No. 6084069

GENERAL INFORMATION:  
APPLICANT: UNITED STATES OF AMERICA; DEPT.  
TITLE OF INVENTION: MOTILITY STIMULATING  
TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND  
TITLE OF INVENTION: THERAPY  
NUMBER OF SEQUENCES: 69  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & FINNEGAN  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: U.S.A.  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/977,221  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/346,455  
FILING DATE: 28-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/249,182  
FILING DATE: 25-MAY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/822,043  
FILING DATE: 17-JAN-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: DOROTHY R. AUTH  
REGISTRATION NUMBER: 36,434  
REFERENCE/DOCKET NUMBER: 2026-4149US3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 758-4800  
TELEFAX: (212) 751-6849  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-977-221-16  
Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

RESULT 1243

US-08-977-221-17  
Sequence 17, Application US/08977221

Patent No. 6084069

GENERAL INFORMATION:

APPLICANT: UNITED STATES OF AMERICA, DEPT.

APPLICANT: OF HEALTH AND HUMAN SERVICES

TITLE OF INVENTION: MOTILITY STIMULATING

TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND

TITLE OF INVENTION: THERAPY

NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORGAN & PINNEGAN

STREET: 345 PARK AVENUE

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: U.S.A.

ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/977,221

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/346,455

FILING DATE: 28-NOV-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/249,182

FILING DATE: 25-MAY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/822,043

FILING DATE: 17-JAN-1992

ATTORNEY/AGENT INFORMATION:

NAME: DOROTHY R. AUTH

REGISTRATION NUMBER: 36,434

REFERENCE/DOCKET NUMBER: 2026-4149US3

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 751-6849

TELEFAX: (212) 751-6849

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 15

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-977-221-17

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 15

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 15

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 15

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 15

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 15

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 15

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 15

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 15

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

APPLICANT: MURATA, JUN

TITLE OF INVENTION: AUTOTAXIN: MOTILITY STIMULATING PROTEIN USEFUL IN

TITLE OF INVENTION: CANCER DIAGNOSIS AND THERAPY

FILE REFERENCE: 2026-4149US4

CURRENT APPLICATION NUMBER: US/09/483,831B

CURRENT FILING DATE: 2000-01-17

PRIOR APPLICATION NUMBER: 07/822,043

PRIOR FILING DATE: 1992-01-17

PRIOR APPLICATION NUMBER: 08/249,182

PRIOR FILING DATE: 1994-05-25

PRIOR APPLICATION NUMBER: 08/346,455

PRIOR FILING DATE: 1994-11-28

PRIOR APPLICATION NUMBER: 08/977,221

PRIOR FILING DATE: 1997-11-24

NUMBER OF SEQ ID NOS: 70

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 16

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: Primers

NAME/KEY: variation

LOCATION: (4)

OTHER INFORMATION: Base n represents a or g or c or t/u, unknown, or

OTHER INFORMATION: other.

NAME/KEY: variation

LOCATION: (7)

OTHER INFORMATION: Base y represents t/u or c.

NAME/KEY: variation

LOCATION: (10)

OTHER INFORMATION: Base y represents t/u or c.

US-09-483-831B-16

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 15 CCTGARGARGTNACC 1

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: Primers  
NAME/KEY: variation  
LOCATION: (12)  
OTHER INFORMATION: Base n represents a or g or c or t/u, unknown, or  
OTHER INFORMATION: other.  
NAME/KEY: variation  
LOCATION: (6)  
OTHER INFORMATION: Base r represents a or g.  
NAME/KEY: variation  
LOCATION: (9)  
OTHER INFORMATION: Base r represents a or g.  
US-09-483-831B-17

Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 4249 CCTGAGAGTCAACC 4263  
|||||:|||||  
Db 1 CCTGARGAGTNACC 15

RESULT 1246  
PCT-US95-06613-16/c  
Sequence 16, Application PC/TUS9506613  
GENERAL INFORMATION:  
APPLICANT: STRACKE, MARY; LIOTTA, LANCE;  
APPLICANT: SCHIFFMANN, ELLIOTT; KRUTZSCH,  
APPLICANT: HENRY; MURATA, JUN  
TITLE OF INVENTION: MOTILITY STIMULATING  
TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND  
THERAPY  
NUMBER OF SEQUENCES: 69  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & PINNEGAN  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: U.S.A.  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/06613  
FILING DATE: 24-MAY-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/346,455  
FILING DATE: 28-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/249,182  
FILING DATE: 25-MAY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/822,043  
FILING DATE: 17-JAN-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: DOROTHY R. AUTH  
REGISTRATION NUMBER: 36,434  
REFERENCE/DOCKET NUMBER: 2026-4149US2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 758-4800  
TELEFAX: (212) 751-6849  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

PCT-US95-06613-16  
Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 4249 CCTGAGAGTCAACC 4263  
|||||:|||||  
Db 15 CCTGARGAGTNACC 1

RESULT 1247  
PCT-US95-06613-17  
Sequence 17, Application PC/TUS9506613  
GENERAL INFORMATION:  
APPLICANT: STRACKE, MARY; LIOTTA, LANCE;  
APPLICANT: SCHIFFMANN, ELLIOTT; KRUTZSCH,  
APPLICANT: HENRY; MURATA, JUN  
TITLE OF INVENTION: MOTILITY STIMULATING  
TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND  
THERAPY  
NUMBER OF SEQUENCES: 69  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & PINNEGAN  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: U.S.A.  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/06613  
FILING DATE: 24-MAY-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/346,455  
FILING DATE: 28-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/249,182  
FILING DATE: 25-MAY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/822,043  
FILING DATE: 17-JAN-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: DOROTHY R. AUTH  
REGISTRATION NUMBER: 36,434  
REFERENCE/DOCKET NUMBER: 2026-4149US2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 758-4800  
TELEFAX: (212) 751-6849  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

PCT-US95-06613-17  
Query Match 0.2%; Score 13.2; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 6.8e+02;  
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 4249 CCTGAGAGTCAACC 4263  
|||||:|||||  
Db 1 CCTGARGAGTNACC 15

RESULT 1248  
PCT-US91-03680-98/c

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; Sequence 98, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matencio, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESS: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 98:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 3
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 8..9
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 14
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note="T-T, linking group o-xylose (nucleotides
; OTHER INFORMATION: that have xylose sugar linked via the o-xylose
; OTHER INFORMATION: ring)"
; PCT-US91-03680-98

Query Match 0.2%; Score 13.2; DB 1; Length 16;
Best Local Similarity 75.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
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OY 5409 GAAAAATGAATTA 5424
Db 16 GAKAAAKKAAKAA 1
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RESULT 1249
US-08-388-381-29/c
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```
; Sequence 29, Application US/08388381
; Patent No. 5552283
; GENERAL INFORMATION:
; APPLICANT: Diamantis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESS: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,381
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,946
; FILING DATE: 08-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN-P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: Internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: sequencing primer for exon 5 of human p53 gene
; US-08-388-381-29

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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OY 2186 TTGCCGAGGCTCTCCAG 2203
Db 18 TTGCCGAGGCTCCAG 1
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RESULT 1250
US-08-102-567-27/c
; Sequence 27, Application US/08102567
; Patent No. 5578461
; GENERAL INFORMATION:
; APPLICANT: Sherwin, Stephen
; APPLICANT: Skoultschi, Arthur
; APPLICANT: Klapholz, Sue
; TITLE OF INVENTION: GENE MANIPULATION AND EXPRESSION USING
; TITLE OF INVENTION: GENOMIC ELEMENTS
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
```

ADDRESSER: CELL GENESYS, INC.  
STREET: 322 Lakeside Drive  
CITY: Foster City  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/102,567  
FILING DATE: 05-AUG-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Mandel, Saralynn  
REGISTRATION NUMBER: 31,853  
REFERENCE/DOCKET NUMBER: CELL 6.2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 358-9600  
TELEFAX: (415) 358-0803  
TELEX:  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-102-567-27

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2176 CTACATTACTTGGCCAG 2193  
DB 18 CTAGCCACCTTGGCCAG 1

RESULT 1251  
US-08-319-836B-27  
Sequence 27, Application US/08319836B  
Patent No. 5641675  
GENERAL INFORMATION:  
APPLICANT: Singer, Robert H.  
TITLE OF INVENTION: Cis-Acting Sequences for Intracellular  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/319,836B  
FILING DATE: 07-OCT-1994  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 04020/043001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617/542-5070

TELEFAX: 617/542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "ANTISENSE OLIGONUCLEOTIDE"  
US-08-319-836B-27

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3543 ATCCTCACTCAAGCGCA 3560  
DB 1 ATCCTGAGTCAAGCGCA 18

RESULT 1252  
US-08-435-925C-5  
Sequence 5, Application US/08435925C  
Patent No. 5646025  
GENERAL INFORMATION:  
APPLICANT: Moyer, Donna  
TITLE OF INVENTION: SCYTLALIDUM CATALASE GENE  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 56460250 No. 5646025disk of No. 5646025th America, Inc.  
STREET: 405 Lexington Avenue, 64th Floor  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10174-6401

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,925C  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Lambiris, Elias J.  
REGISTRATION NUMBER: 33,728  
REFERENCE/DOCKET NUMBER: 4429,000-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655

INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-925C-5

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1871 CCGAGGATCCTTCCTGA 1888  
DB 1 CCGCGGCGCTTCTTGA 18

RESULT 1253  
US-08-373-124A-2249/C  
Sequence 2249, Application US/08373124A  
Patent No. 5646042



GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwigen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RISTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESS: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2249:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-2249  
Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 3592 GTTGCTCAGGCTATCTC 3509  
Db 18 GGTCCTCAGGCTGTTCTC 1  
RESULT 1254  
US-08-488-212A-1  
Sequence 1, Application US/08488212A  
Patent No. 5665355  
GENERAL INFORMATION:  
APPLICANT: Primi, Daniele  
APPLICANT: Williams, Ketch C.  
TITLE OF INVENTION: Diagnosis and Treatment of  
TITLE OF INVENTION: AIDS Onset  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESS: Thomas E. Popovich, Thomas  
ADDRESS: Popovich & Associates  
STREET: 80 South 8th Street

CITY: Minneapolis  
STATE: Minnesota  
COUNTRY: USA  
ZIP: 55402-2111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible Compaq Prolinea  
COMPUTER: 4/66  
OPERATING SYSTEM: MS-DOS Version 5  
SOFTWARE: Microsoft Word for Windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,212A  
FILING DATE: 07-Jun-1995  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/973,485  
FILING DATE: No. 5665355ember 9, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Thomas E. Popovich  
REGISTRATION NUMBER: 30099  
REFERENCE/DOCKET NUMBER: 3678  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 334-8991  
TELEFAX: (612) 334-8994  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: linear  
MOLECULE TYPE: Other nucleic acid  
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor  
MOLECULE TYPE: Vb region)  
HYPOTHETICAL: No  
ORIGINAL SOURCE: Synthesized using  
ORIGINAL SOURCE: oligonucleotide synthesis machine  
PUBLICATION INFORMATION:  
AUTHORS: Imberti, Luisa; Sottini,  
AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,  
AUTHORS: Daniele  
TITLE: Selective Depletion in HIV Infection  
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences  
JOURNAL: Science  
VOLUME: 254  
ISSUE: 5033  
PAGES: 860-862  
PUBLICATION DATE: No. 5665355ember 8, 1991  
US-08-488-212A-1  
Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 4012 GTGCACCTCCCTCACTT 4029  
Db 1 GTGCACCTCCCTCCATT 18  
RESULT 1255  
US-08-616-398-15  
Sequence 15, Application US/08616398  
Patent No. 5691143  
GENERAL INFORMATION:  
APPLICANT: Busco, Silvia A.  
APPLICANT: Roszkowski, Christine A.  
APPLICANT: Williams, Ketch C.  
APPLICANT: Stringfellow, Leslie A.  
TITLE OF INVENTION: AMPLIFICATION AND DETECTION OF  
TITLE OF INVENTION: MYCOBACTERIUM AVIUM COMPLEX SPECIES  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESS: R. J. Rodrick, Becton Dickinson and Company

```

; STREET: 1 Becton Drive
; CITY: Franklin Lakes
; STATE: NJ
; COUNTRY: US
; ZIP: 07417
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/616,398
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Puglit, Donna R.
; REGISTRATION NUMBER: 32,135
; REFERENCE/DOCKET NUMBER: P-3532
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-616-398-15

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1033 CAGAGTCACCCAGCC 1050
Db 1 CCGGCGTCCACCATCGCC 18

RESULT 1256
US-08-621-914A-16/C
; Sequence 16, Application US/08621914A
; Patent No. 5707807
; GENERAL INFORMATION:
; APPLICANT: KATO, KIKUYA
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
; TITLE OF INVENTION: ANALYSIS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 AVENUE OF THE AMERICAS
; CITY: NEW YORK
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,914A
; FILING DATE: 26-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LAWRENCE III, STANTON T.
; REGISTRATION NUMBER: 25,736
; REFERENCE/DOCKET NUMBER: 7005-107-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown

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```

; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
;
US-08-621-914A-16

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATACAAAAAGAAAAA 5415
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 1257
US-08-487-046-5/C
; Sequence 5, Application US/08487046
; Patent No. 5753489
; GENERAL INFORMATION:
; APPLICANT: Kistner, Otfried
; APPLICANT: Barlett, No. 57534891
; APPLICANT: Mundt, Wolfgang
; APPLICANT: Dornier, Friedrich
; TITLE OF INVENTION: METHOD FOR PRODUCING VIRUSES AND VACCINES IN SERUM-FREE CULTU
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,046
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/338,761
; FILING DATE: 10-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Bent, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/197/IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
US-08-487-046-5

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGA 5410
Db 18 AAAAAAGAAAAAAGA 1

RESULT 1258
US-08-487-046-6
; Sequence 6, Application US/08487046
; Patent No. 5753489

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1 GENERAL INFORMATION:
2 APPLICANT: Kistner, Otfried
3 APPLICANT: Barrett, No. 57534891
4 APPLICANT: Mundt, Wolfgang
5 APPLICANT: Dornier, Friedrich
6 TITLE OF INVENTION: METHOD FOR PRODUCING VIRUSES AND VACCINES IN SERUM-FREE CULTURE
7 NUMBER OF SEQUENCES: 7
8 CORRESPONDENCE ADDRESS:
9 ADDRESSES: Foley & Lardner
10 STREET: 3000 K Street, N.W., Suite 500
11 CITY: Washington
12 STATE: D.C.
13 COUNTRY: USA
14 ZIP: 20007-5109
15
16 COMPUTER READABLE FORM:
17 MEDIUM TYPE: floppy disk
18 COMPUTER: IBM PC compatible
19 OPERATING SYSTEM: PC-DOS/MS-DOS
20 SOFTWARE: PatentIn Release #1.0, Version #1.30
21 CURRENT APPLICATION DATA:
22 APPLICATION NUMBER: US/08/487,046
23 FILING DATE: 07-JUN-1995
24 CLASSIFICATION: 424
25 PRIOR APPLICATION DATA:
26 APPLICATION NUMBER: US 08/338,761
27 FILING DATE: 10-NOV-1994
28 ATTORNEY/AGENT INFORMATION:
29 NAME: Bent, Stephen A.
30 REGISTRATION NUMBER: 29,768
31 REFERENCE/DOCKET NUMBER: 30472/197/IMMU
32 TELECOMMUNICATION INFORMATION:
33 TELEPHONE: (202) 672-5300
34 TELEFAX: (202) 672-5399
35 TELEX: 904136
36
37 INFORMATION FOR SEQ ID NO: 6:
38 SEQUENCE CHARACTERISTICS:
39 LENGTH: 18 base pairs
40 TYPE: nucleic acid
41 STRANDEDNESS: single
42 TOPOLOGY: linear
43 MOLECULE TYPE: DNA (genomic)
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45 US-08-487-046-6
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: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent in Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/483,522
: FILING DATE: 07-JUN-1995
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/338,761
: FILING DATE: 10-NOV-1994
: ATTORNEY/AGENT INFORMATION:
: NAME: Bent, Stephen A.
: REGISTRATION NUMBER: 29,768
: REFERENCE/DOCKET NUMBER: 30472/199/IMMU
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (202)672-5300
: TELEFAX: (202)672-5399
: TELEX: 904136
: INFORMATION FOR SEQ ID NO: 5:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
:
US-08-483-522-5
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Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred.No.7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0.

CY 5393 AAAAAAAAACAAAAGA 5410
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 1260
US-08-483-522-6
: Sequence 6, Application US/08483522
: Patent No. 5756341
: GENERAL INFORMATION:
: APPLICANT: Kistner, Offried
: APPLICANT: Barrett, No. 5756411
: APPLICANT: Mundt, Wolfgang
: APPLICANT: Dornier, Friedrich
: TITLE OF INVENTION: METHOD FOR INCREASING THE INFECTIVITY OF
: TITLE OF INVENTION: VIRUSES
: NUMBER OF SEQUENCES: 7
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Foley & Lardner
: STREET: 3000 K Street, N.W., Suite 500
: CITY: Washington
: STATE: D.C.
: COUNTRY: USA
: ZIP: 20007-5109
:
: COMPUTER READABLE FORM:
: MEDIUM TYPE: floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent in Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/483,522
: FILING DATE: 07-JUN-1995
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/338,761
: FILING DATE: 10-NOV-1994
: ATTORNEY/AGENT INFORMATION:
: NAME: Bent, Stephen A.
: REGISTRATION NUMBER: 29,768
: REFERENCE/DOCKET NUMBER: 30472/199/IMMU
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (202)672-5300

```

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;
; TELEFAX: (202) 672-5399
;
; TELE: 904136
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-483-522-6

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACCAAGAGA 5410
Db 1 AAAAAAAAAAAAAAAAAAGA 18

RESULT 1261
US-08-808-303-13
; Sequence 13, Application US/08808303
; Patent No. 5776687
; GENERAL INFORMATION:
; APPLICANT: Naspal, Sunil
; APPLICANT: Disepio, Daniel
; APPLICANT: Chandraratna, Roshantha
; TITLE OF INVENTION: RETINOID INDUCED GENE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/808,303
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: ALRGN.062A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
;
; TELE:
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-808-303-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3284 GCCCAGCCTGAAGAGC 3301
Db 1 GCCAGAGCCTGAAGAGC 18

;
; TELEFAX: (202) 672-5399
;
; TELE: 904136
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-483-522-6

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACCAAGAGA 5410
Db 1 AAAAAAAAAAAAAAAAAAGA 18

RESULT 1261
US-08-808-303-13
; Sequence 13, Application US/08808303
; Patent No. 5776687
; GENERAL INFORMATION:
; APPLICANT: Naspal, Sunil
; APPLICANT: Disepio, Daniel
; APPLICANT: Chandraratna, Roshantha
; TITLE OF INVENTION: RETINOID INDUCED GENE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/808,303
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: ALRGN.062A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
;
; TELE:
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-808-303-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3284 GCCCAGCCTGAAGAGC 3301
Db 1 GCCAGAGCCTGAAGAGC 18

;
; TELEFAX: (202) 672-5399
;
; TELE: 904136
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-483-522-6

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACCAAGAGA 5410
Db 1 AAAAAAAAAAAAAAAAAAGA 18

RESULT 1261
US-08-808-303-13
; Sequence 13, Application US/08808303
; Patent No. 5776687
; GENERAL INFORMATION:
; APPLICANT: Naspal, Sunil
; APPLICANT: Disepio, Daniel
; APPLICANT: Chandraratna, Roshantha
; TITLE OF INVENTION: RETINOID INDUCED GENE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,724
; FILING DATE: June 6, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 36055C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleotide
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-471-724-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2099 CCTGCACTTGCCTGATGC 2116
Db 18 CCTGCACTTGCCTGATGC 1

RESULT 1263
US-08-471-724-15/c
; Sequence 15, Application US/08471724
; Patent No. 5800980
; GENERAL INFORMATION:
; APPLICANT: Heve PERRON
; APPLICANT: Francois MALLEET
; APPLICANT: Bernard MANDRAND
; APPLICANT: Frederic BEDIN
; APPLICANT: Frederic BESME
; TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
; TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL.
; TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
```

CITY: Alexandria  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/471,724  
FILING DATE: June 6, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Berridge, William P.  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 36055C  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6400  
TELEFAX: 703-836-2787  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleotide  
STRANDEDNESS: single-stranded  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-471-724-15

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2099 CCGTGCAGTCCGATGC 2116  
Db 18 CGTGCAGTCCGATGC 1

RESULT 1264  
US-08-471-724-28/C  
Sequence 28, Application US/08471724  
Patent No. 5800980  
GENERAL INFORMATION:  
APPLICANT: Herve PERRON  
APPLICANT: Francois MALLET  
APPLICANT: Bernard MANDRAND  
APPLICANT: Frederic BESEME  
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR  
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL  
TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)  
NUMBER OF SEQUENCES: 38  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Ollif & Berridge  
STREET: 700 South Washington Street, Suite 300  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/471,724  
FILING DATE: June 6, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Berridge, William P.  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 36055C  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6400  
TELEFAX: 703-836-2787

INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleotide  
STRANDEDNESS: single-stranded  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-471-724-28

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2099 CCGTGCAGTCCGATGC 2116  
Db 18 CGTGCAGTCCGATGC 1

RESULT 1265  
US-08-758-306-965  
Sequence 965, Application US/08758306  
Patent No. 5807743  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: McSwiggan, James A.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES  
TITLE OF INVENTION: ASSOCIATED WITH  
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
NUMBER OF SEQUENCES: 1379  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Fastseq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/758,306  
FILING DATE: December 3, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 212/132  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 965:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-758-306-965

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 61.1%; Pred. No. 7.9e+02;  
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 4466 CTAAGTATCCCTCAG 4483

Db 1 CUACUCGCCCCUCCAG 18

## RESULT 1266

US-08-758-306-971/C  
Sequence 971, Application US/08758306  
Patent No. 5807743  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: McSwiggen, James A.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES  
TITLE OF INVENTION: ASSOCIATED WITH  
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
NUMBER OF SEQUENCES: 1379  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
City: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/758,306  
FILING DATE: December 3, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 212/132  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 971:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-758-306-971

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3438 GGCCCTGAGCAGAGAA 3455  
Db 18 GGTCCTGAGCTGACAA 1

## RESULT 1267

US-08-758-306-995  
Sequence 995, Application US/08758306  
Patent No. 5807743  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: McSwiggen, James A.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES  
TITLE OF INVENTION: ASSOCIATED WITH

TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
NUMBER OF SEQUENCES: 1379  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
City: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/758,306  
FILING DATE: December 3, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 212/132  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 995:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-758-306-995

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 72.2%; Pred. No. 7.9e+02;  
Matches 13; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 4476 CCCTCCAGCCGATAGC 4493  
Db 1 CCUCGAGCTGCAUAGC 18

## RESULT 1268

US-08-311-486C-1139  
Sequence 1139, Application US/08311486C  
Patent No. 5811300  
GENERAL INFORMATION:  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisch  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TNF- $\alpha$   
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
City: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/311,486C  
 FILING DATE: September 23, 1994  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 PRIOR APPLICATION DATA: including application  
 PRIOR APPLICATION DATA: described below:  
 APPLICATION NUMBER: 08/008,895  
 FILING DATE: January 19, 1993  
 APPLICATION NUMBER: 07/969,849  
 FILING DATE: December 7, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warbury, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/166  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 1139:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 JS-08-311-486C-1139

	Query Match	Similarity	Score	DB 1	Length
Qy	Best Local	66.7%	Pred. No. 7.9e+02		18
Db	Matches	12; Conservative	3; Mismatches	3; Indels	0; Gaps
	2985	CCACTCTGCATGTGAAGAG	3002		
	1	CCUCUCGCGCUCUCAAAG	18		

RESULT 1269  
US-08-435-628-2249/c  
Sequence 2249, Application US/084355628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESISTENTS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:

1 APPLICATION NUMBER: 08/373,124  
 2 FILING DATE: January 13, 1995  
 3 APPLICATION NUMBER: 08/245,466  
 4 FILING DATE: May 18, 1994  
 5 APPLICATION NUMBER: 08/192,943  
 6 FILING DATE: February 7, 1994  
 7 APPLICATION NUMBER: 07/987,132  
 8 FILING DATE: December 7, 1992  
 9 APPLICATION NUMBER: 07/936,422  
 10 FILING DATE: August 26, 1992  
 11 ATTORNEY/AGENT INFORMATION:  
 12 NAME: Wadbury, Richard  
 13 REGISTRATION NUMBER: 32,327  
 14 REFERENCE/DOCKET NUMBER: 200/0055  
 15 TELECOMMUNICATION INFORMATION:  
 16 TELEPHONE: (213) 489-1600  
 17 TELEFAX: (213) 955-0440  
 18 TELEX: 67-3510  
 19 INFORMATION FOR SEQ ID NO: 2249:  
 20 SEQUENCE CHARACTERISTICS:  
 21 LENGTH: 18 base pairs  
 22 TYPE: nucleic acid  
 23 STRANDEDNESS: single  
 24 TOPOLOGY: linear  
 25 US-08-435-628-2249

Query Match	0.2%	Score 13.2	DB 1	length 18
Best Local Similarity	83.3%	Pred. No. 7.9e+02		
Matches 15; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

QY	3592	GTGCTCAGGCTAATCTC	3609
Db	18	GGTCTCAGGCTGTTCTC	1

RESULT 1270  
 US-08-346-429-3  
 Sequence 3, Application US/08346429  
 Patent No. 5837820  
 GENERAL INFORMATION:  
 APPLICANT: Derose, Richard  
 APPLICANT: Douce, Roland  
 APPLICANT: Duval, Manuel  
 APPLICANT: Job, Claudette  
 APPLICANT: Job, Dominique  
 TITLE OF INVENTION: PROTEIN CAPABLE OF BEING BIOTINYLATED WHICH CAN  
 TITLE OF INVENTION: BE USED FOR DETERMINING THE GERMINATION STAGE OF  
 TITLE OF INVENTION: A SEED  
 NUMBER OF SEQUENCES: 7  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: SCULLY SCOTT MURPHY & PRESSER  
 STREET: 400 Garden City Plaza  
 CITY: Garden City  
 STATE: New York  
 COUNTRY: USA  
 ZIP: 11530  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/346,429  
 FILING DATE: 29-NOV-1994  
 CLASSIFICATION: 530  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Digiglio, Frank S.  
 REGISTRATION NUMBER: 31,346  
 REFERENCE/DOCKET NUMBER: 9507  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 516-742-4343  
 TELEFAX: 516-742-4366  
 TELEX: 230 901 SANS UR

```

; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: double
;   TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-346-429-3

Query Match      0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATTCAGAAAAAGAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAA 18

RESULT 1271
US-08-384-324-2/c
; Sequence 2, Application US/08384324
; Patent No. 5844110
; GENERAL INFORMATION:
; APPLICANT: Gold, Barry I.
; TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street, Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/384,324
; FILING DATE: 31-JAN-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; REFERENCE/DOCKET NUMBER: 63076
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 563-4100
; TELEFAX: (215) 563-4044
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
; ANTI-SENSE: YES
US-08-384-324-2

Query Match      0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AATTCAGAAAAAGAAAA 5413
Db 18 AGAAAAAGAAAAAGAAAA 1

RESULT 1272
US-08-384-324-4/c
; Sequence 4, Application US/08384324
; Patent No. 5844110
```

```

; GENERAL INFORMATION:
; APPLICANT: Gold, Barry I.
; TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street, Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/384,324
; FILING DATE: 31-JAN-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; REFERENCE/DOCKET NUMBER: 63076
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 563-4100
; TELEFAX: (215) 563-4044
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
; ANTI-SENSE: YES
US-08-384-324-4

Query Match      0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5397 AATTCAGAAAAAGAAAA 5414
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 1273
US-08-117-952-204/c
; Sequence 204, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Bruggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
```



PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/078,471  
FILING DATE: 15-JUN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Reiter, Stephen E.  
REGISTRATION NUMBER: 31,192  
REFERENCE/DOCKET NUMBER: P41 9423  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-546-4737  
TELEFAX: 619-546-9392  
INFORMATION FOR SEQ ID NO: 204:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Oligonucleotide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-117-952-204

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3415 GATGATGAGCAGAA 3432  
DB 18 GATGATGAGCAGAA 1

RESULT 1274  
US-08-117-952-709  
Sequence 709, Application US/08117952  
Patent No. 5851760  
GENERAL INFORMATION:  
APPLICANT: Evans, Glen A.  
APPLICANT: Smith, Michael W.  
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE  
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES  
NUMBER OF SEQUENCES: 797  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Preity, Schroeder, Brueggemann & Clark  
STREET: 444 South Flower Street, Suite 2000  
CITY: Los Angeles  
STATE: CA  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/117,952  
FILING DATE: 07-SEP-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/078,471  
FILING DATE: 15-JUN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Reiter, Stephen E.  
REGISTRATION NUMBER: 31,192  
REFERENCE/DOCKET NUMBER: P41 9423  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-546-4737  
TELEFAX: 619-546-9392  
INFORMATION FOR SEQ ID NO: 709:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Oligonucleotide

HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-117-952-709

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 592 TTCAGCTTCGTCGCC 609  
DB 1 TTCCTGCTGCTCTCTCC 18

RESULT 1275  
US-08-358-556A-12/C  
Sequence 12, Application US/08358556A  
Patent No. 5869643  
GENERAL INFORMATION:  
APPLICANT: Chatelain, Francois  
APPLICANT: Kumarev, Viktor  
TITLE OF INVENTION: Process for Preparing Polynucleotides on  
TITLE OF INVENTION: a Solid Support and Apparatus Permitting its  
TITLE OF INVENTION: Implementation  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jacobson, Price, Holman & Stern  
STREET: 400 Seventh St. N.W.  
CITY: Washington D.C.  
COUNTRY: U.S.A.  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/358,556A  
FILING DATE: 14-DEC-1994  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 9315164  
FILING DATE: 16-DEC-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Player, William R.  
REGISTRATION NUMBER: 31,409  
REFERENCE/DOCKET NUMBER: 10577/P58418  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 638-6666  
TELEFAX: (202) 393-5350  
TELEX: RCA 248593 IDEA UR  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: N-terminal  
FEATURES:  
NAME/KEY: CDS  
LOCATION: 1..18  
US-08-358-556A-12

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATCAAAAAGAAAAA 5415  
DB 18 AAAAAAAAAAAAAAAAAA 1

```
RESULT 1276
US-08-358-556A-18
; Sequence 18, Application US/08358556A
; Patent No. 5869643
; GENERAL INFORMATION:
; APPLICANT: Chatelet, Francois
; APPLICANT: Kumarev, Viktor
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; TITLE OF INVENTION: a Solid Support and Apparatus Permitting its
; TITLE OF INVENTION: Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
US-08-358-556A-18

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATCAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAA 18

RESULT 1277
US-08-471-969-13/c
; Sequence 13, Application US/08471969
; Patent No. 5871745
; GENERAL INFORMATION:
; APPLICANT: Heve Perron
; APPLICANT: Francois Mallet
; APPLICANT: Bernard Mandrand
; APPLICANT: Frederic Bedin
; APPLICANT: Frederic Besme
; TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
; ATTORNEY/AGENT INFORMATION:
```

```
; TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOLI
; TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,969
; FILING DATE: June 6, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 36055A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleotide
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-471-969-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2099 CCGCACTGCGTGATGC 2116
Db 18 CGTGCACTGCGCGATGC 1

RESULT 1278
US-08-471-969-15/c
; Sequence 15, Application US/08471969
; Patent No. 5871745
; GENERAL INFORMATION:
; APPLICANT: Heve Perron
; APPLICANT: Francois Mallet
; APPLICANT: Bernard Mandrand
; APPLICANT: Frederic Bedin
; APPLICANT: Frederic Besme
; TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
; TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOLI
; TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,969
; FILING DATE: June 6, 1995
; ATTORNEY/AGENT INFORMATION:
```

NAME: Berridge, William P.  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 36055A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6400  
TELEFAX: 703-836-2787  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleotide  
STRANDEDNESS: single-stranded  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-471-969-15

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2099 CCTGCACCTTGCGCTGATGC 2116  
DB 18 CCGTGCAGTTGCCGATGC 1

RESULT 1279  
US-08-471-969-28/c  
Sequence 28, Application US/08471969  
Patent No. 5871745  
GENERAL INFORMATION:  
APPLICANT: Heve PERRON  
APPLICANT: Francois MALLLET  
APPLICANT: Bernard MANDRAND  
APPLICANT: Frederic BESME  
APPLICANT: Frederic BESME  
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR  
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL  
TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)  
NUMBER OF SEQUENCES: 38  
CORRESPONDENCE ADDRESS:  
ADDRESS: Oliff & Berridge  
STREET: 700 South Washington Street, Suite 300  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/471,969  
FILING DATE: June 6, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Berridge, William P.  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 36055A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6400  
TELEFAX: 703-836-2787  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleotide  
STRANDEDNESS: single-stranded  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-471-969-28

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2099 CCTGCACCTTGCGCTGATGC 2116  
DB 18 CCGTGCAGTTGCCGATGC 1

RESULT 1280  
US-08-384-137-13/c  
Sequence 13, Application US/08384137  
Patent No. 5871996  
GENERAL INFORMATION:  
APPLICANT: Heve PERRON  
APPLICANT: Francois MALLLET  
APPLICANT: Bernard MANDRAND  
APPLICANT: Frederic BESME  
APPLICANT: Frederic BESME  
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR  
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL  
TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)  
NUMBER OF SEQUENCES: 38  
CORRESPONDENCE ADDRESS:  
ADDRESS: Oliff & Berridge  
STREET: 700 South Washington Street, Suite 300  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/384,137  
FILING DATE: February 6, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Berridge, William P.  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 36055  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6400  
TELEFAX: 703-836-2787  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleotide  
STRANDEDNESS: single-stranded  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-384-137-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2099 CCTGCACCTTGCGCTGATGC 2116  
DB 18 CCGTGCAGTTGCCGATGC 1

RESULT 1281  
US-08-384-137-15/c  
Sequence 15, Application US/08384137  
Patent No. 5871996  
GENERAL INFORMATION:  
APPLICANT: Heve PERRON  
APPLICANT: Francois MALLLET  
APPLICANT: Bernard MANDRAND  
APPLICANT: Frederic BESME  
APPLICANT: Frederic BESME  
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR  
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL  
TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)  
NUMBER OF SEQUENCES: 38

```

CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/384,137
FILING DATE: February 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPS 36055
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO.: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleotide
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-384-137-15

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Query Match	0.2%	Score 13.2;	DB 1;	length 18;
Best Local Similarity	83.3%	Pred. No. 7.9e+02;		
Matches 15;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;
Oy	2099	CCTGCACTTGCCTGATGC	2116	
Db	18	CGTCAAGTTCGCGATGC	1	

RESULT 1282  
 US-08-384-137-28/c  
 Sequence 28, Application US/08384137  
 Patent No. 5871996  
 GENERAL INFORMATION:  
 APPLICANT: Heve PERRON  
 APPLICANT: Francois MALLET  
 APPLICANT: Bernard MANDRAND  
 APPLICANT: Frederic BRDIN  
 APPLICANT: Frederic BESME  
 TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR  
 TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPRO  
 TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)  
 NUMBER OF SEQUENCES: 38  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Oliff & Berridge  
 STREET: 700 South Washington Street, Suite 300  
 CITY: Alexandria  
 STATE: Virginia  
 COUNTRY: U.S.A.  
 ZIP: 22314  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/384,137  
 FILING DATE: February 6, 1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Berridge, William P.  
 REGISTRATION NUMBER: 30,024  
 REFERENCE/DOCKET NUMBER: WPB 36055

```

TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2187
INFORMATION FOR SEQ. ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
type: nucleotide
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-384-137-28

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Query Match Similarity	0.24	Score	13.2	DB 1	Length	18			
Best Local Similarity	83.34	Pred. No.	7.9e+02						
Matches	15	Conservative	0	Mismatches	3	Indels	0	Gaps	0

QY 2099 CCTGCACCTTGCCTGATGC 2116  
 Db 18 CGTGCAGTTGCCGATGC 1

```

RESULT 1283
US-08-469-852A-4/c
: Sequence 4, Application US/08469852A
: Patent No. 5874213
:
GENERAL INFORMATION:
:
APPLICANT: Cummins, Lendell L.
APPLICANT: Freier, Susan M.
APPLICANT: Griffeey, Richard
APPLICANT: Srivatsa, Susan G.
TITLE OF INVENTION: Capillary Electrophoretic Detection of
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSER: Woodcock Washburn Kurtz Mackiewicz & No. 5874213rls LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,852A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/295,509
FILING DATE: 24-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISIS-2015
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-469-852A-4
Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
5398 AATGACAAAAAGAAAAA 5415

```

Db 18 AAAAAAAAAAAAAAAAAA 1

## RESULT 1284

US-08-585-684B-2556/C  
Sequence 2556, Application US/08585684B  
Patent No. 5877021

## GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.

APPLICANT: Jarvis, Thale

APPLICANT: McSwigen, James

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751

## CORRESPONDENCE ADDRESS:

ADDRESS: Lyon &amp; Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: Storage

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/585,684B

FILING DATE: January 16, 1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/000,951

FILING DATE: July 7, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/078

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2556:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-585-684B-2556

Query Match 0.2%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 781 CAGAGAAGGGGCGCCAC 798

18 CAGAAAAGGCGCGCTC 1

## RESULT 1285

US-08-320-306-1

Sequence 1, Application US/08320306

Patent No. 5891623

GENERAL INFORMATION:

APPLICANT: Priml, Daniele

TITLE OF INVENTION: Diagnosis and Treatment of

NUMBER OF SEQUENCES: 57

CORRESPONDENCE ADDRESS:

ADDRESS: Thomas B. Popovich, Thomas

ADDRESS: Popovich &amp; Associates

STREET: 80 South 8th Street

CITY: Minneapolis

STATE: Minnesota

COUNTRY: USA

ZIP: 55402-2111

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB

MEDIUM TYPE: Storage

COMPUTER: IBM Compatible Compaq Prolinea

COMPUTER: 4/66

OPERATING SYSTEM: MS-DOS Version 5

SOFTWARE: Microsoft Word for Windows

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/320,306

FILING DATE: 06-OCT-1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/973,485

FILING DATE: No. 5891623ember 9, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Thomas B. Popovich

REGISTRATION NUMBER: 30099

REFERENCE/DOCKET NUMBER: 3678

TELECOMMUNICATION INFORMATION:

TELEPHONE: (612) 334-8994

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 bases

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: linear

MOLECULE TYPE: Other nucleic acid

MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor

HYPOTHETICAL: No

ORIGINAL SOURCE: Synthesized using

ORIGINAL SOURCE: oligonucleotide synthesis machine

PUBLICATION INFORMATION:

AUTHORS: Imberti, Luisa; Sotiri,

AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,

AUTHORS: Daniele

TITLE: Selective Depletion in HIV Infection

TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences

JOURNAL: Science

VOLUME: 254

ISSUE: 5033

PAGES: 860-862

PUBLICATION DATE: No. 5891623ember 8, 1991

US-08-320-306-1

Query Match 0.2%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 4012 GTGACCTCCTCTT 4029

1 GTGACCTCCTCTTCCATT 18

## RESULT 1286

US-08-912-129A-33/C

Sequence 33, Application US/08912129A

Patent No. 5822533

GENERAL INFORMATION:

APPLICANT: VALLARI, ANADRUZELA S.

APPLICANT: HACKETT, JOHN JR.

APPLICANT: HICKMAN, ROBERT K.

APPLICANT: VARITER, VINCENT A. JR.

APPLICANT: NECKLANS, ELIZABETH A.

APPLICANT: GOLDEN, ALAN M.

APPLICANT: BRENNAN, CATHERINE A.

APPLICANT: DEVAR, SUSHIL G.

TITLE OF INVENTION: RAPID ASSAY FOR SIMULTANEOUS DETECTION AND DIFFERENTIATION

NUMBER OF SEQUENCES: 89  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Abbott Laboratories  
STREET: 100 Abbott Park Road  
CITY: Abbott Park  
STATE: IL  
COUNTRY: USA  
ZIP: 60064-3500  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch diskette, 1.44 MB  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS (Windows 95)  
SOFTWARE: Microsoft Word (ASCII format output)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/912,129A  
FILING DATE: 15-AUG-1997  
CLASSIFICATION: 436  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Danckers, Andreas M.  
REGISTRATION NUMBER: 32,652  
REFERENCE/DOCKET NUMBER: 6109.US.01  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 847-937-9803  
TELEFAX: 847-938-2623  
TELEX:  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-912-129A-33

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1476 TGCGCCAGCGCTGGATAC 1493  
DB 18 TGCGACAGGTGTGGATAC 1

RESULT 1287  
US-08-488-209B-1  
Sequence 1, Application US/08488209B  
Patent No. 5925513  
GENERAL INFORMATION:  
APPLICANT: Primi, Daniele  
TITLE OF INVENTION: Diagnosis and Treatment of  
TITLE OF INVENTION: AIDS Onset  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Thomas E. Popovich, Thomas  
ADDRESSEE: Popovich & Associates  
STREET: 80 South 8th Street  
CITY: Minneapolis  
STATE: Minnesota  
COUNTRY: USA  
ZIP: 55402-2111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible Compaq Prolinea  
COMPUTER: 4/66  
OPERATING SYSTEM: MS-DOS Version 5  
SOFTWARE: Microsoft Word for Windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,209B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/973,485  
FILING DATE: No. 5925513ember 9, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Thomas E. Popovich  
REGISTRATION NUMBER: 30099  
REFERENCE/DOCKET NUMBER: 3678  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 334-8991  
TELEFAX: (612) 334-8994  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
MOLECULE TYPE: Other nucleic acid  
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor  
MOLECULE TYPE: Vb region)  
HYPOTHETICAL: No  
ORIGINAL SOURCE: Synthesized using  
ORIGINAL SOURCE: oligonucleotide synthesis machine  
PUBLICATION INFORMATION:  
AUTHORS: Imberti, Luisa; Sotini,  
AUTHORS: Alessandra; Bettinardi, Massimo; Primi,  
TITLE: Selective Depletion in HIV Infection  
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences  
JOURNAL: Science  
VOLUME: 254  
ISSUE: 5033  
PAGES: 860-862  
PUBLICATION DATE: No. 5925513ember 8, 1991  
US-08-488-209B-1

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4012 GTGCACCTCCCTCACTTT 4029  
DB 1 GTGCACCTCCTTCCACTT 18

RESULT 1288  
US-08-408-011-1  
Sequence 1, Application US/08408011  
Patent No. 5928642  
GENERAL INFORMATION:  
APPLICANT: Primi, Daniele  
TITLE OF INVENTION: Diagnosis and Treatment of  
TITLE OF INVENTION: AIDS Onset  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Thomas E. Popovich, Thomas  
ADDRESSEE: Popovich & Associates  
STREET: 80 South 8th Street  
CITY: Minneapolis  
STATE: Minnesota  
COUNTRY: USA  
ZIP: 55402-2111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible Compaq Prolinea  
COMPUTER: 4/66  
OPERATING SYSTEM: MS-DOS Version 5  
SOFTWARE: Microsoft Word for Windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/408,011  
FILING DATE: 18-OCT-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/973,485  
FILING DATE: No. 5928642ember 9, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Thomas E. Popovich  
REGISTRATION NUMBER: 30099  
REFERENCE/DOCKET NUMBER: 3678  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 334-8991  
TELEFAX: (612) 334-8994  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
MOLECULE TYPE: Other nucleic acid  
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor  
MOLECULE TYPE: Vb region)  
ORIGINAL SOURCE: No  
ORIGINAL SOURCE: Synthesized using  
ORIGINAL SOURCE: oligonucleotide synthesis machine  
PUBLICATION INFORMATION:  
AUTHORS: Imberti, Luisa; Sottini,  
AUTHORS: Alessandra; Bellinardi, Puoti, Massimo; Primi,  
AUTHORS: Daniele  
TITLE: Selective Depletion in HIV Infection  
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences  
JOURNAL: Science  
VOLUME: 254  
ISSUE: 5033  
PAGES: 860-862  
PUBLICATION DATE: No. 5928642ember 8, 1991  
US-08-408-011-1

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4012 GTGCACCTCCCTCACTTT 4029  
DB 1 GTGCACCTCCCTCCCACTT 18

RESULT 1289  
US-08-996-306-39/c  
Sequence 39, Application US/08996306  
Patent No. 5945522  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Chumakov, Ilya  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Bouguetel, Lydie  
TITLE OF INVENTION: Prostate cancer gene  
NUMBER OF SEQUENCES: 68  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Knobbe, Martens, Olson & Bear  
STREET: 501 West Broadway  
CITY: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92101-3505  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: WIN95  
SOFTWARE: Word  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/996,306  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Israelien, Ned A.  
REGISTRATION NUMBER: 29,655

REFERENCE/DOCKET NUMBER: GENSET .018A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 235-8550  
TELEFAX: (619) 235-0176  
INFORMATION FOR SEQ ID NO: 39:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
MOLECULE TYPE: DNA  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: 99-123-PV upstream primer  
LOCATION: 1..18  
US-08-996-306-39

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4834 CCTTGAGTCTGCTTT 4851  
DB 18 CCTTGAGTCTGCTTT 1

RESULT 1290  
US-09-213-767-33  
Sequence 33, Application US/09213767  
Patent No. 5948680  
GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION  
FILE REFERENCE: RTS-0024  
CURRENT APPLICATION NUMBER: US/09/213,767  
CURRENT FILING DATE: 1998-12-17  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 33  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-213-767-33

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1082 GATCCCACTGACCCA 1099  
DB 1 GATCCCACTGACCCA 18

RESULT 1291  
US-09-205-922-12/c  
Sequence 12, Application US/09205922  
Patent No. 5951455  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION  
FILE REFERENCE: RTS-0030  
CURRENT APPLICATION NUMBER: US/09/205,922  
CURRENT FILING DATE: 1998-12-04  
NUMBER OF SEQ ID NOS: 87  
SEQ ID NO 12  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide

US-09-205-922-12

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3409 CTGAGTGATGATGAGAG 3426  
DB 18 CTGAGCGATGAGGTGAG 1

RESULT 1292

US-09-205-922-44/c  
Sequence 44, Application US/09205922  
Patent No. 5951455  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION  
FILE REFERENCE: RTS-0030  
CURRENT APPLICATION NUMBER: US/09/205,922  
CURRENT FILING DATE: 1998-12-04  
NUMBER OF SEQ ID NOS: 87  
SEQ ID NO 44  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-205-922-44

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3106 AGAGCCACGACCCCTG 3123  
DB 18 AGTGCCATCAAGACCTG 1

RESULT 1293

US-08-787-902A-2  
Sequence 2, Application US/08787902A  
Patent No. 5957972  
GENERAL INFORMATION:  
APPLICANT: Williams, Stuart K.  
TITLE OF INVENTION: Improved Implants Possessing a Surfa  
TITLE OF INVENTION: ce of Endothelial Cells Genetically-Modified to  
TITLE OF INVENTION: Intimal Thickening.  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: Antonio Durando  
STREET: 2929 E. Broadway Blvd.  
CITY: Tucson  
STATE: AZ  
COUNTRY: U.S.A.  
ZIP: 85716  
COMPUTER READABLE FORM:  
MEDIUM TYPE: diskette, 3.5 inch, 1.44Mb storage  
COMPUTER: IBM compatible PC  
OPERATING SYSTEM: Windows 3.1  
SOFTWARE: Word Perfect 6.0a  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/787,902A  
FILING DATE: 23-JAN-97  
CLASSIFICATION: 623  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/010616; 07/953,474  
FILING DATE: 26-JAN-96; 29-SEP-92  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-787-902A-2

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1733 GGCTGCTCTTCATCTCG 1750  
DB 1 GGATGCTCTTCGACCTCG 18

RESULT 1294

US-09-205-204-34  
Sequence 34, Application US/09205204  
Patent No. 5958772  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Elizabeth J. Ackermann  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-1 EXPRESS  
FILE REFERENCE: RTS-0020  
CURRENT APPLICATION NUMBER: US/09/205,204  
CURRENT FILING DATE: 1998-12-03  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 34  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-205-204-34

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3634 TTCCCAATTGCTGAGATT 3651  
DB 1 TTCCGATTACTGAGCTT 18

RESULT 1295

US-08-470-006A-13/c  
Sequence 13, Application US/08470006A  
Patent No. 5962217  
GENERAL INFORMATION:  
APPLICANT: Hervé PERRON  
APPLICANT: Francois MALLEET  
APPLICANT: Bernard MANDRAND  
APPLICANT: Frederic BEDIN  
APPLICANT: Frederic BESME  
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR  
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND  
TITLE OF INVENTION: BIOPOLYMER CONSTITUENTS THEREOF (AS AMENDED)  
NUMBER OF SEQUENCES: 38  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: Oliff & Berridge  
STREET: 700 South Washington Street, Suite 300  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/470,006A  
FILING DATE: June 6, 1995  
ATTORNEY/AGENT INFORMATION:



NAME: Berridge, William P.  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 36055B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6400  
TELEFAX: 703-836-2787  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleotide  
STRANDEDNESS: single-stranded  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-470-006A-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2099 CCTGCACTTGCCGTATGC 2116  
Db 18 CCGCAGTTGCCGATGC 1

RESULT 1296  
US-08-470-006A-15/c  
Sequence 15, Application US/08470006A  
Patent No. 5962217  
GENERAL INFORMATION:  
APPLICANT: Heve PERRON  
APPLICANT: Francois MALLET  
APPLICANT: Bernard MANDRAND  
APPLICANT: Frederic BESME  
APPLICANT: Frederic BESME  
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR  
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND  
TITLE OF INVENTION: BIOPOLYMER CONSTITUENTS THEREOF (AS AMENDED)  
NUMBER OF SEQUENCES: 38  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Oliff & Berridge  
STREET: 700 South Washington Street, Suite 300  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA: US/08/470,006A  
APPLICATION NUMBER: US/08/470,006A  
FILING DATE: June 6, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Berridge, William P.  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 36055B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6400  
TELEFAX: 703-836-2787  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleotide  
STRANDEDNESS: single-stranded  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-470-006A-15

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2099 CCTGCACTTGCCGTATGC 2116  
Db 18 CCGCAGTTGCCGATGC 1

RESULT 1297  
US-08-470-006A-28/c  
Sequence 28, Application US/08470006A  
Patent No. 5962217  
GENERAL INFORMATION:  
APPLICANT: Heve PERRON  
APPLICANT: Francois MALLET  
APPLICANT: Bernard MANDRAND  
APPLICANT: Frederic BESME  
APPLICANT: Frederic BESME  
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR  
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND  
TITLE OF INVENTION: BIOPOLYMER CONSTITUENTS THEREOF (AS AMENDED)  
NUMBER OF SEQUENCES: 38  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Oliff & Berridge  
STREET: 700 South Washington Street, Suite 300  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA: US/08/470,006A  
APPLICATION NUMBER: US/08/470,006A  
FILING DATE: June 6, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Berridge, William P.  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 36055B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6400  
TELEFAX: 703-836-2787  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleotide  
STRANDEDNESS: single-stranded  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-470-006A-28

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2099 CCTGCACTTGCCGTATGC 2116  
Db 18 CCGCAGTTGCCGATGC 1

RESULT 1298  
US-09-197-360-35/c  
Sequence 35, Application US/09197360  
Patent No. 5962673  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowart  
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-ALPHA EXPRESSION  
FILE REFERENCE: RTS-0018  
CURRENT APPLICATION NUMBER: US/09/197,360  
CURRENT FILING DATE: 1998-11-28  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 35  
LENGTH: 18

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-197-360-35

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      436 GGCAGAGACGACCTGT 453
        |||||
Db      18 GACAAAGCGCAGCATGT 1

RESULT 1299
US-09-256-496-73
; Sequence 73, Application US/09256496
; Patent No. 5998306
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-12 EXPRESSION
; FILE REFERENCE: FTS-0056
; CURRENT APPLICATION NUMBER: US/09/256,496
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 73
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-256-496-73

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      2567 GGGAGAGAGATGGAGA 2584
        |||||
Db      1 GGAAGAGATGATGGAGA 18

RESULT 1300
US-08-691-563C-13/c
; Sequence 13, Application US/08691563C
; Patent No. 6001987
; GENERAL INFORMATION:
; APPLICANT: Hevye PERRON
; APPLICANT: Frederic BESME
; APPLICANT: Frederic BEDIN
; APPLICANT: GLAUCIA PARANHOS-BACCALA
; APPLICANT: FLORENCE KOMURIAN-PRADEL
; APPLICANT: Colette JOLIVERT
; APPLICANT: Bernard MANDRAND
; TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
; TITLE OF INVENTION: ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACTIC
; TITLE OF INVENTION: THERAPEUTIC PURPOSES
; NUMBER OF SEQUENCES: 92
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/691,563C
```

```

; FILING DATE: 02-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 38588
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleotide
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-691-563C-13

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      2099 CCTGCACTTCCTGATGC 2116
        |||||
Db      18 CGTGCAGTTCGCGATGC 1

RESULT 1301
US-08-691-563C-15/c
; Sequence 15, Application US/08691563C
; Patent No. 6001987
; GENERAL INFORMATION:
; APPLICANT: Hevye PERRON
; APPLICANT: Frederic BESME
; APPLICANT: Frederic BEDIN
; APPLICANT: GLAUCIA PARANHOS-BACCALA
; APPLICANT: FLORENCE KOMURIAN-PRADEL
; APPLICANT: Colette JOLIVERT
; APPLICANT: Bernard MANDRAND
; TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
; TITLE OF INVENTION: ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACTIC
; TITLE OF INVENTION: THERAPEUTIC PURPOSES
; NUMBER OF SEQUENCES: 92
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/691,563C
; FILING DATE: 02-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 38588
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleotide
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-691-563C-15
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Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2099 CCTGCATTGCTGATGC 2116  
Db 18 CGTGCATTGCCGATGC 1

RESULT 1302  
US-08-691-563C-28/c  
Sequence 28, Application US/08691563C  
Patent No. 6001987

GENERAL INFORMATION:  
APPLICANT: HERVE PERRON  
APPLICANT: Frederic BESEME  
APPLICANT: Frederic BEDIN  
APPLICANT: GLAUCIA PARANHOS-BACCALA  
APPLICANT: FLORENCE KOMURIAN-PRADEL  
APPLICANT: COLETTE JOLIVET  
APPLICANT: BERNARD MANDRAND  
TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS  
TITLE OF INVENTION: ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACTIC  
NUMBER OF SEQUENCES: 92  
CORRESPONDENCE ADDRESS:  
ADDRESS: Orliff & Bertride  
STREET: 700 South Washington Street, Suite 300  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22314

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/691,563C  
FILING DATE: 02-AUG-1996

ATTORNEY/AGENT INFORMATION:  
NAME: Bertride, William P.  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPP 38588  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6400

INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleotide  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-691-563C-28

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2099 CCTGCATTGCTGATGC 2116  
Db 18 CGTGCATTGCCGATGC 1

RESULT 1303  
US-09-106-038A-23  
Sequence 23, Application US/09106038A  
Patent No. 6007995

GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker and Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF TYPRI  
TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 91  
CORRESPONDENCE ADDRESS:  
ADDRESS: Isis Pharmaceuticals, Inc.  
STREET: 2292 Paraday Avenue  
CITY: Carlsbad  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92008

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch disk, 1.44 MB  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: Windows NT  
SOFTWARE: Microsoft Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/106,038A  
FILING DATE: June 26, 1998

CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Laurel Spear Bernstein  
REGISTRATION NUMBER: 37,280  
REFERENCE/DOCKET NUMBER: RTS-0004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (760) 931-9200  
FAX: (760) 603-3820  
INFORMATION FOR SEQ ID NO: 23:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-09-106-038A-23

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3212 AGCGAGTGCAGTGTCA 3229  
Db 1 AGCGAGTGCAGTGTCA 18

RESULT 1304  
US-09-205-921-12/c  
Sequence 12, Application US/09205921A  
Patent No. 6008048

GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION  
FILE REFERENCE: RTS-0028  
CURRENT APPLICATION NUMBER: US/09/205,921A  
CURRENT FILING DATE: 1998-12-04  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 12  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-205-921-12

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4087 GAGGAGGATGCTCTG 4104  
Db 18 GAGGAGGATGCTCTG 1

RESULT 1305  
US-09-205-921-28/c  
Sequence 28, Application US/09205921A

```
; Patent No. 6008048
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: ex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
; FILE REFERENCE: RTS-0028
; CURRENT APPLICATION NUMBER: US/09/205,921A
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-205-921-28
```

```
Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      1617 CTACTGAGCTGCAGAGA 1634
Db      18 CAATTGAGCCGCGAGCA 1
```

```
RESULT 1306
US-09-205-921-31/c
; Sequence 31, Application US/09205921A
; Patent No. 6008048
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: ex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
; FILE REFERENCE: RTS-0028
; CURRENT APPLICATION NUMBER: US/09/205,921A
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-205-921-31
```

```
Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4398 GAAAGACAGAGAGATGA 4415
Db      18 GAAGGACAGAGAGACAG 1
```

```
RESULT 1307
US-09-255-911-23
; Sequence 23, Application US/09255911
; Patent No. 6013522
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD1 EXPRESSION
; FILE REFERENCE: RTS-0040
; CURRENT APPLICATION NUMBER: US/09/255,911
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 46
; SEQ ID NO 23
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
```

US-09-255-911-23

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Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      1098 CAGCTGACCCGAGAGA 1115
Db      1 CAGCTGCACTCCAGAGA 18
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```
RESULT 1308
US-08-462-947-27/c
; Sequence 27, Application US/08462947
; Patent No. 6015708
; GENERAL INFORMATION:
; APPLICANT: Sherwin, Stephen
; APPLICANT: Skoultsch, Arthur
; APPLICANT: Klapholz, Sue
; TITLE OF INVENTION: GENE MANIPULATION AND EXPRESSION USING
; TITLE OF INVENTION: GENOMIC ELEMENTS
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: CELL GENESYS, INC.
; STREET: 322 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/462,947
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/102,567
; FILING DATE: 05-AUG-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Mandel, Saralynn
; REGISTRATION NUMBER: 31,853
; REFERENCE/DOCKET NUMBER: CELL 6.2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 358-9600
; TELEFAX: (415) 358-0803
; TELEX:
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-462-947-27
```

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Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      2176 CTACATTACCTTGCCGAG 2193
Db      18 CTAGCCACTTGCCGAG 1
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```
RESULT 1309
US-09-161-443-46/c
; Sequence 46, Application US/09161443A
; Patent No. 6020198
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
```

APPLICANT: Lex M. Cowse  
TITLE OF INVENTION: ANTISENSE MODULATION OF RIP-1 EXPRESSION  
FILE REFERENCE: RTS-0011  
CURRENT APPLICATION NUMBER: US/09/161,443A  
CURRENT FILING DATE: 1998-09-25  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 46  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense oligonucleotide  
US-09-161-443-46

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3599 AGGCTATCTCAACTCC 3616  
Db 18 AGGCTGCTCTCAACTTC 1

RESULT 1310  
US-09-358-381-10/C  
Sequence 10, Application US/09358381  
Patent No. 6020199  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowse  
TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION  
FILE REFERENCE: RTS-0079  
CURRENT APPLICATION NUMBER: US/09/358,381  
CURRENT FILING DATE: 1999-07-21  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 10  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense oligonucleotide  
US-09-358-381-10

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3152 TCACGATCTGAGCCCA 3169  
Db 18 TCTCGAGAGCTGCACCCA 1

RESULT 1311  
US-08-858-876A-9/C  
Sequence 9, Application US/08858876A  
Patent No. 6022856  
GENERAL INFORMATION:  
APPLICANT: Daniel CAPUT  
APPLICANT: Pascale CHALON  
APPLICANT: Pasqual FERRARA  
APPLICANT: VITA NATALIO  
TITLE OF INVENTION: TYPE 2 Neurotensin Receptor  
TITLE OF INVENTION: (NNT-R2)  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: Jacobson, Price, Holman & Stern, PLLC  
STREET: 400 Seventh Street  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/858,876A  
FILING DATE: 19-SEP-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/FR 9723204  
FILING DATE: 17-MAR-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Player, William B.  
REGISTRATION NUMBER: 31,049  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-858-876A-9

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 705 TGGGAGAGCGGCGCTG 722  
Db 18 TTGGAGAGCAGGCGCCAG 1

RESULT 1312  
US-09-339-964-42/C  
Sequence 42, Application US/09339964  
Patent No. 6025198  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Lex M. Cowse  
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION  
FILE REFERENCE: RTS-0065  
CURRENT APPLICATION NUMBER: US/09/339,964  
CURRENT FILING DATE: 1999-06-25  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 42  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense oligonucleotide  
US-09-339-964-42

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3342 ACTGCTCTGTGAGGCGCT 3359  
Db 18 ACTGCTCTGTGAGGCTCT 1

RESULT 1313  
US-09-189-760-4  
Sequence 4, Application US/09189760  
Patent No. 6031078  
GENERAL INFORMATION:  
APPLICANT: Khodadoust, Mehran  
TITLE OF INVENTION: NOVEL MTBX PROTEIN AND NUCLEIC ACID MOLECULES AND USES  
TITLE OF INVENTION: THEREFOR  
FILE REFERENCE: NNT-046CP2  
CURRENT APPLICATION NUMBER: US/09/189,760  
CURRENT FILING DATE: 1998-11-10  
EARLIER APPLICATION NUMBER: 09/163,116  
EARLIER FILING DATE: 1998-09-29  
EARLIER APPLICATION NUMBER: 60/089,467

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; EARLIER FILING DATE: 1998-06-16
; EARLIER APPLICATION NUMBER: (PENDING)
; EARLIER FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-189-760-4

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1125 TCCTGGAGCCCAATGGCC 1142
Db      1 TCCTGAGTCCCACTGGCC 18

RESULT 1314
US-09-188-811-4
; Sequence 4, Application US/09188811
; Patent No. 6037148
; GENERAL INFORMATION:
; APPLICANT: Rhododoust, Mehran
; TITLE OF INVENTION: NOVEL MTBX PROTEIN AND NUCLEIC ACID MOLECULES AND USES
; FILE REFERENCE: MNI-046CP
; CURRENT APPLICATION NUMBER: US/09/188,811
; EARLIER FILING DATE: 1998-11-09
; EARLIER APPLICATION NUMBER: 09/163,116
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-188-811-4

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1125 TCCTGGAGCCCAATGGCC 1142
Db      1 TCCTGAGTCCCACTGGCC 18

RESULT 1315
US-08-859-167-7
; Sequence 7, Application US/08859167
; Patent No. 6037461
; GENERAL INFORMATION:
; APPLICANT: Alnemir, Emed S.
; APPLICANT: Fernandez-Alnemir, Teresa
; TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF
; TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS
; TITLE OF INVENTION: OF MAKING THE SAME
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6037461r1s
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: WINDOWS
; SOFTWARE: WordPerfect

```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,167
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TTU-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-859-167-7

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3599 AGGCTAATCTCAACTCC 3616
Db      1 AGGCTGCTCGAATCC 18

RESULT 1316
US-09-339-993-35
; Sequence 35, Application US/0933993A
; Patent No. 6040179
; GENERAL INFORMATION:
; APPLICANT: lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-12 EXPRESSION
; FILE REFERENCE: RTS-0064
; CURRENT APPLICATION NUMBER: US/09/339,993A
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 35
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-993-35

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4399 AAAGACAGAAAGATGAG 4416
Db      1 AAAGAGAGGAAAGAGAG 18

RESULT 1317
US-09-256-465-44/C
; Sequence 44, Application US/09256465
; Patent No. 6043090
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-2 EXPRESSION
; FILE REFERENCE: RTS-0035
; CURRENT APPLICATION NUMBER: US/09/256,465
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence

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FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-256-465-44

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4232 TTTACCGCCGATC 4249  
Db 18 TTTACCGCCGATC 1

RESULT 1318  
US-08-295-509B-4/C  
Sequence 4, Application US/08295509B  
Patent No. 6045995

GENERAL INFORMATION:  
APPLICANT: Cummings, Lendell L.  
APPLICANT: Preter, Susan M.  
APPLICANT: Griffey, Richard  
APPLICANT: Strivasa, Susan G.  
TITLE OF INVENTION: Capillary Electrophoretic Detection of  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESS: Woodcock Washburn Kurtz Mackiewicz and No. 6045995r1s  
STREET: One Liberty Place - 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/295,509B  
FILING DATE: 24-AUG-1994

CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Michael P. Straher  
REGISTRATION NUMBER: 38,325  
REFERENCE/DOCKET NUMBER: 181S-1395  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-295-509B-4

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5398 AATCAAAAGAAAGAAA 5415  
Db 18 AATCAAAAGAAAGAAA 1

RESULT 1319  
US-09-344-579-32/C  
Sequence 32, Application US/09344579  
Patent No. 6054316

GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker  
APPLICANT: Lex M. Cowbert  
TITLE OF INVENTION: ANTISENSE MODULATION OF ETS-2 EXPRESSION

FILE REFERENCE: RTS-0063  
CURRENT APPLICATION NUMBER: US/09/344,579  
CURRENT FILING DATE: 1999-06-25  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 32  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence

FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-344-579-32

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1027 CCAAGCCAGAGTCAACC 1044  
Db 18 CCAAGAGAGAGTCAACC 1

RESULT 1320  
US-09-109-273-7  
Sequence 7, Application US/09109273  
Patent No. 6063760

GENERAL INFORMATION:  
APPLICANT: Alnemri, Emad S.  
APPLICANT: Fernandez-Alnemri, Teresa  
TITLE OF INVENTION: PAD4-LIKE ANTI-APOTOTIC MOLECULES, METHODS OF  
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESS: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6063760r1s  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: WINDOWS  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/109,273  
FILING DATE:

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,167  
FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: DNA  
US-09-109-273-7

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3599 AGGTAATCTCAACTGC 3616  
||||| ||||| |||||

Db 1 AGCGTGTCTCGAACTCC 18

RESULT 1321

US-08-765-626-29/c

Sequence 29, Application US/08765626

Patent No. 6071726

GENERAL INFORMATION:

APPLICANT: Visible Genetics Inc.

APPLICANT: Diamandis, Eleftherios

APPLICANT: Dunn, James M.

APPLICANT: Stevens, John K.

TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis

TITLE OF INVENTION: and Targeted Screening for p53 Mutations

NUMBER OF SEQUENCES: 41

CORRESPONDENCE ADDRESS:

ADDRESSEE: Oppedahl & Larson

STREET: 1992 Commerce Street, Suite 309

CITY: Yorktown Heights

STATE: NY

COUNTRY: USA

ZIP: 10598-4412

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS 5.0

SOFTWARE: Word Perfect

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/765,626

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/08605

FILING DATE:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/388,381

FILING DATE: 14-FEB-1995

ATTORNEY/AGENT INFORMATION:

NAME: Marina T. Larson

REGISTRATION NUMBER: 32,038

REFERENCE/DOCKET NUMBER: VGEN-P-003-US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (914) 245-3252

TELEFAX: (914) 962-4330

TELEX:

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:

LENGTH: 18

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: genomic DNA

HYPOTHETICAL: no

ANTI-SENSE: no

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

ORGANISM: human

FEATURE:

NAME/KEY: sequencing primer for exon 5 of human p53 gene

US-08-765-626-29

Query Match 0.2%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2186 TTGCCCAGGCTCTCAG 2203

Db 18 TTGCCAGGCTCCCAAG 1

RESULT 1322

US-08-884-029-9/c

Sequence 9, Application US/08884029

Patent No. 6071745

GENERAL INFORMATION:

APPLICANT: Lin, Ching-I Patsy

APPLICANT: Wallace, Robert Bruce

APPLICANT: Coesman, Jeffrey

APPLICANT: French, Cynthia

TITLE OF INVENTION: Lyophilization of Cultured Human Cells

TITLE OF INVENTION: to Preserve RNA and DNA

NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/884,029

FILING DATE: 27-JUN-1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Parent, Annette S.

REGISTRATION NUMBER: 42,058

REFERENCE/DOCKET NUMBER: 02558B-059100US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

FEATURE:

NAME/KEY: modified\_base

LOCATION: 13..18

OTHER INFORMATION: /mod\_base= OTHER

OTHER INFORMATION: /note= "t at positions 13-18 may be

OTHER INFORMATION: present or absent"

US-08-884-029-9

Query Match 0.2%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATACAAAAGAAAAA 5415

Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 1323

US-08-867-381A-34/c

Sequence 34, Application US/08667381A

Patent No. 6075123

GENERAL INFORMATION:

APPLICANT: Labell, Jill M.

APPLICANT: Kidd, Vincent J.

TITLE OF INVENTION: CYCLIN-C VARIANT, AND DIAGNOSTIC AND

TITLE OF INVENTION: THERAPEUTIC USES THEREOF

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESS:

ADDRESSEE: David A. Jackson, Esq.

STREET: 411 Hackensack Ave, Continental Plaza, 4th

STREET: Floor

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA



```

;
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/867,381A
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 1340-1-001 N
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotides C-28"
; HYPOTHETICAL: NO
; US-08-867-381A-34

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4801 CTCGACGCTGAGTATC 4818
DB 18 CTCGACGCTGAGTATC 1

RESULT 1324
US-08-872-917-1/C
; Sequence 1, Application US/08872917
; Patent No. 6096549
; GENERAL INFORMATION:
; APPLICANT: PELICIC, Vladimir
; APPLICANT: REVRAT, Jean-Marc
; APPLICANT: GICQUEL, Brigitte
; TITLE OF INVENTION: METHOD OF SELECTION OF ALLELIC EXCHANGE MUTANTS
; FILE REFERENCE: 03495.0148-01
; CURRENT APPLICATION NUMBER: US/08/872,917
; CURRENT FILING DATE: 1997-07-11
; EARLIER APPLICATION NUMBER: 08/661,658
; EARLIER FILING DATE: 1996-06-11
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: Patentn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Mycobacterium sp.
; US-08-872-917-1

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2116 CAGCAGATGAAGCGGAG 2133
DB 18 CCGAGAGAGAGCGGAG 1

RESULT 1325
US-08-941-445A-30
; Sequence 30, Application US/08941445A
; Patent No. 6107060
; GENERAL INFORMATION:
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; APPLICANT: Keeling, Peter
; APPLICANT: Guan, Hanning
; TITLE OF INVENTION: Strach Encapsulation
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
; STREET: 5370 Manhattan Circle
; CITY: Boulder
; STATE: CO
; COUNTRY: US
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/941,445A
; FILING DATE: 30-SEP-1997
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/026,855
; FILING DATE: 30-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Winner, Ellen P
; REGISTRATION NUMBER: 28,547
; REFERENCE/DOCKET NUMBER: 89-97
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 499-8080
; TELEFAX: (303) 499-8089
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: not relevant
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; US-08-941-445A-30

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATCAAAAAGAAAAA 5415
DB 1 AAAAAAAAAAAAAAAAAA 18

RESULT 1326
US-09-205-143-41/C
; Sequence 41, Application US/09205143
; Patent No. 6107091
; GENERAL INFORMATION:
; APPLICANT: Lex M. Coweart
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION
; FILE REFERENCE: RTS-0032
; CURRENT APPLICATION NUMBER: US/09/205,143
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 41
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-205-143-41

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3920 ACCAGTCTCGGTGAGA 3937
```

Db 18 ACCAGTGCCTGGAGACCA 1

RESULT 1327  
US-09-205-143-57/c  
Sequence 57, Application US/09205143  
Patent No. 6107091  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION  
FILE REFERENCE: RTS-0032  
CURRENT APPLICATION NUMBER: US/09/205,143  
CURRENT FILING DATE: 1998-12-03  
NUMBER OF SEQ ID NOS: 87  
SEQ ID NO 57  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-205-143-57

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3925 TTCCTGGGTGATCAAC 3942  
| | | | | | | | | | | | | | | | | | | | | |  
Db 18 TACCTGACGATCAAC 1

RESULT 1328  
US-09-280-409-49/c  
Sequence 49, Application US/09280409  
Patent No. 6107092  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowsett  
APPLICANT: C. Frank Bennett  
APPLICANT: Bert W. O'Malley  
TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION  
FILE REFERENCE: RTS-0048  
CURRENT APPLICATION NUMBER: US/09/280,409  
CURRENT FILING DATE: 1999-03-29  
NUMBER OF SEQ ID NOS: 146  
SEQ ID NO 49  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-280-409-49

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1901 CCACAGCTGCAGACCA 1918  
| | | | | | | | | | | | | | | | | | | | | |  
Db 18 CCACAGCTGCAGACCA 1

RESULT 1329  
US-09-280-409-93  
Sequence 93, Application US/09280409  
Patent No. 6107092  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowsett  
APPLICANT: C. Frank Bennett  
APPLICANT: Bert W. O'Malley  
TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION  
FILE REFERENCE: RTS-0048  
CURRENT APPLICATION NUMBER: US/09/280,409

;; CURRENT FILING DATE: 1999-03-29  
;; NUMBER OF SEQ ID NOS: 146  
;; SEQ ID NO 93  
;; LENGTH: 18  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-280-409-93

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3384 ACGCTGGGCTGACCA 3401  
| | | | | | | | | | | | | | | | | | | | | |  
Db 1 ACGCGAGGCGACCA 18

RESULT 1330  
US-09-289-466-65/c  
Sequence 65, Application US/09289466A  
Patent No. 6124272  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION  
FILE REFERENCE: RTS-0060  
CURRENT APPLICATION NUMBER: US/09/289,466A  
CURRENT FILING DATE: 1999-04-09  
NUMBER OF SEQ ID NOS: 86  
SEQ ID NO 65  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-289-466-65

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 235 CCTCACCCTCCTGCTG 252  
| | | | | | | | | | | | | | | | | | | | | |  
Db 18 CCTCACCCTCCTGCTG 1

RESULT 1331  
US-09-289-466-75  
Sequence 75, Application US/09289466A  
Patent No. 6124272  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION  
FILE REFERENCE: RTS-0060  
CURRENT APPLICATION NUMBER: US/09/289,466A  
CURRENT FILING DATE: 1999-04-09  
NUMBER OF SEQ ID NOS: 86  
SEQ ID NO 75  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-289-466-75

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1284 ATGGAGCTTGTGTGAG 1301

Db 1 ATGTGTCCTCTGTGAG 18

```
RESULT 1332
US-09-054-830-19/c
Sequence 19, Application US/09054830
Patent No. 6127121
GENERAL INFORMATION:
APPLICANT: Meyer, Rich
TITLE OF INVENTION: OLIGONUCLEOTIDES CONTAINING
TITLE OF INVENTION: PYRAZOLO[3,4-D]PYRIMIDINES FOR HYBRIDIZATION AND
TITLE OF INVENTION: MISMATCH DISCRIMINATION
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESSES:
ADDRESSER: MORRISON & FORBSTER
STREET: 755 PAGE MILL ROAD
CITY: PALO ALTO
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FASTSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/054,830
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 34469-20005.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-894-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-054-830-19

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1073 GGAGCTGGGATCCCGAC 1090
18 GCAGCTCGGAGACCCAC 1

RESULT 1333
US-09-200-990-13/c
Sequence 13, Application US/09200990
Patent No. 6184025
GENERAL INFORMATION:
APPLICANT: Hervé PERRON
APPLICANT: Francois MALLET
APPLICANT: Bernard MANDRAND
APPLICANT: Frederic BESME
APPLICANT: Frederic BESME
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL
TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESSES:
```

```
ADDRESSER: Olliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/200,990
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/471,969
FILING DATE: June 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleotide
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-200-990-13
```

```
Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 2099 CCTGCACCTGGCTGATGC 2116
18 CCGTCACTTGGCGATGC 1

Db 18 CCGTCACTTGGCGATGC 1
```

```
RESULT 1334
US-09-200-990-15/c
Sequence 15, Application US/09200990
Patent No. 6184025
GENERAL INFORMATION:
APPLICANT: Hervé PERRON
APPLICANT: Francois MALLET
APPLICANT: Bernard MANDRAND
APPLICANT: Frederic BESME
APPLICANT: Frederic BESME
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL
TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESSES:
ADDRESSER: Olliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/200,990
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/471,969
```

```

1      FILING DATE: June 6, 1995
2      ATTORNEY/AGENT INFORMATION:
3      NAME: Berridge, William P.
4      REGISTRATION NUMBER: 30,024
5      REFERENCE/DOCKET NUMBER: WPB 36055A
6      TELECOMMUNICATION INFORMATION:
7      TELEPHONE: 703-836-6400
8      TELEFAX: 703-836-2787
9      INFORMATION FOR SEQ ID NO: 15:
10     SEQUENCE CHARACTERISTICS:
11     LENGTH: 18 bases
12     TYPE: nucleotide
13     STRANDEDNESS: single-stranded
14     TOPOLOGY: linear
15     MOLECULE TYPE: CDNA
16     US-09-200-990-15
17
18     Query Match      0.2%; Score 13.2; DB 1; Length 18;
19     Best Local Similarity 83.3%; Pred. No. 7.9e+02;
20     Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
21
22     QY      2099 CCTGCACCTGGCCTGATGC 2116
23             |||||
24     Db      18 CCGTGCAGTGGCCGATGC 1
25
26 RESULT 1335
27 US-09-200-990-28/c
28 ; Sequence 28, Application US/09200990
29 ; Patent No. 6184025
30
31 GENERAL INFORMATION:
32 APPLICANT: Hervé PERRON
33 APPLICANT: Francois MALLET
34 APPLICANT: Bernard MANDRAND
35 APPLICANT: Frederic BEDIN
36 APPLICANT: Frederic BRSEME
37 TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
38 TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPRO
39 NUMBER OF INVENTION: 38
40 CORRESPONDENCE ADDRESS:
41 ADDRESS: Oliff & Berridge
42 STREET: 700 South Washington Street, Suite 300
43 CITY: Alexandria
44 STATE: Virginia
45 COUNTRY: U.S.A.
46 ZIP: 22314
47
48 COMPUTER READABLE FORM:
49 MEDIUM TYPE: Floppy disk
50 COMPUTER: IBM PC compatible
51 OPERATING SYSTEM: PC-DOS/MS-DOS
52 SOFTWARE: PatentIn Release #1.0, Version #1.30
53 CURRENT APPLICATION DATA:
54 APPLICATION NUMBER: US/09/200,990
55 FILING DATE:
56 PRIOR APPLICATION DATA:
57 APPLICATION NUMBER: 08/471,969
58 FILING DATE: June 6, 1995
59 ATTORNEY/AGENT INFORMATION:
60 NAME: Berridge, William P.
61 REGISTRATION NUMBER: 30,024
62 REFERENCE/DOCKET NUMBER: WPB 36055A
63 TELECOMMUNICATION INFORMATION:
64 TELEPHONE: 703-836-6400
65 TELEFAX: 703-836-2787
66 INFORMATION FOR SEQ ID NO: 28:
67 SEQUENCE CHARACTERISTICS:
68 LENGTH: 18 bases
69 TYPE: nucleotide
70 STRANDEDNESS: single-stranded
71 TOPOLOGY: linear
72 MOLECULE TYPE: CDNA
73 US-09-200-990-28

```

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Query Match      0.2%: Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%: Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0.

OY      2099 CCGTCACTTGCGCTGATGC 2116
      ||||| ||||| |||||
Db      18 CGTGCAGTGGCCGATGC 1

RESULT 1336
US-09-038-073-2556/c
; Sequence 2556, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2556:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-2556

Query Match      0.2%: Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%: Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0.

OY      781 CAGGAGGGGCGAGCCAC 798
      ||| ||| ||||| |||||
Db      18 CAGAAAGGGCAGGCTTC 1

RESULT 1337
US-09-071-433-81
; Sequence 81, Application US/09071433A
; Patent No. 6197584
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank

```

APPLICANT: Cowbert, Lex M  
TITLE OF INVENTION: Antisense Modulation of CD40 Expression  
FILE REFERENCE: RTS-0002  
CURRENT APPLICATION NUMBER: US/09/071,433A  
CURRENT FILING DATE: 1998-05-01  
NUMBER OF SEQ ID NOS: 91  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO: 81  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-071-433-81

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 2652 GCTGCAGCCACACTCTCT 2669  
Db 1 GGTGCAGCTCACTCTCT 18

RESULT 1338  
US-09-276-993-7  
Sequence 7, Application US/09276993  
Patent No. 6207801  
GENERAL INFORMATION:  
APPLICANT: Alnemrl, Emad S.  
APPLICANT: Fernandez-Alnemrl, Teresa  
TITLE OF INVENTION: FAD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF  
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS  
TITLE OF INVENTION: OF MAKING THE SAME  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6207801rls  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: WINDOWS  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/276,993  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,167  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TUI-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-276-993-7

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 3599 AGCTAATCTCAACTCC 3616  
Db 1 AGGCTGCTCGAATCTC 18

RESULT 1339  
US-08-487-761-9  
Sequence 9, Application US/08487761  
Patent No. 6217866  
GENERAL INFORMATION:  
APPLICANT: Schlessinger, Joseph  
APPLICANT: Givol, David  
APPLICANT: Bellot, Françoise  
APPLICANT: Kris, Richard  
APPLICANT: Ricca, George A.  
APPLICANT: Cheadle, Christopher  
APPLICANT: South, Victoria J.  
TITLE OF INVENTION: Monoclonal Antibodies Specific to Human  
TITLE OF INVENTION: Epidermal Growth Factor Receptor and Therapeutic Methods  
TITLE OF INVENTION: Employing Same  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Rhone-Poulenc Rorer Inc.  
STREET: 500 Arcola Road, 3043  
CITY: Collegeville  
STATE: PA  
COUNTRY: USA  
ZIP: 19426  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: Macintosh  
OPERATING SYSTEM: System 7.1  
SOFTWARE: Word 5.0 (PatentIn)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/487,761  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/086,411  
FILING DATE: 29-JUN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Goodman, Rosanne  
REGISTRATION NUMBER: 32,534  
REFERENCE/DOCKET NUMBER: A0207C-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 454-3817  
TELEFAX: (215) 454-3808  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-08-487-761-9

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 4172 TCCTCTGAAATGATCC 4189  
Db 1 TCCTCTAATAGATCC 18

RESULT 1340  
US-09-156-856-1/c  
Sequence 1, Application US/09156856A  
Patent No. 6221591  
GENERAL INFORMATION:  
APPLICANT: Aerts, Johannes M.  
TITLE OF INVENTION: Determination of a genetic risk factor for infection

TITLE OF INVENTION: and other diseases, and detection of activated  
FILE REFERENCE: Sequence 1-20  
Patent No. 6221591  
CURRENT APPLICATION NUMBER: US/09/156,856A  
CURRENT FILING DATE: 1998-09-18  
NUMBER OF SEQ ID NOS: 20  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 1  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-156-856-1

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1620 CTTGAGCTGCAGAGCT 1637  
DB 18 CTTGCTTCAGATGCT 1

RESULT 1341  
US-08-478-316-79/c  
Sequence 79, Application US/08478316  
Patent No. 6251397  
GENERAL INFORMATION:  
APPLICANT: PAUL, PREM S.  
APPLICANT: HALBUR, PATRICK G.  
APPLICANT: MENG, XIANG-JIN  
APPLICANT: MOROZOV, ISOR  
TITLE OF INVENTION: POLYNUCLEIC ACIDS ISOLATED FROM A PORCINE  
TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV), PROTEINS  
TITLE OF INVENTION: ENCODED BY THE POLYNUCLEIC ACIDS, VACCINES BASED ON THE  
TITLE OF INVENTION: PROTEINS AND/OR POLYNUCLEIC ACIDS, A METHOD OF PROTECTING A  
TITLE OF INVENTION: PIG FROM PRRS AND A METHOD OF DETECTING A PRRSV  
NUMBER OF SEQUENCES: 95  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
ADDRESSEE: P.C.  
STREET: 1755 S. Jefferson Davis Highway, Suite 400  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/478,316  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/301,435  
FILING DATE: 01-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/131,625  
FILING DATE: 05-OCT-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/969,071  
FILING DATE: 30-OCT-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Lavalleye, Jean-Paul M.P.  
REGISTRATION NUMBER: 31,451  
REFERENCE/DOCKET NUMBER: 4625-026-55X CIP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 413-3000  
TELEFAX: (703) 413-2220  
TELEX: 248655 OPAT UR  
INFORMATION FOR SEQ ID NO: 79:

SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "synthetic DNA"  
US-08-478-316-79

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1008 CTCGCCAGACCATGATC 1025  
DB 18 CTTCCAGACCATGATC 1

RESULT 1342  
US-09-632-580A-64/c  
Sequence 64, Application US/09632580A  
Patent No. 6255111  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF HER-4 EXPRESSION  
FILE REFERENCE: RTS-0054  
CURRENT APPLICATION NUMBER: US/09/632,580A  
CURRENT FILING DATE: 2000-07-31  
NUMBER OF SEQ ID NOS: 93  
SEQ ID NO 64  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-632-580A-64

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2275 CTTTTCAGTCCAAATGAC 2292  
DB 18 CTTCCAGTCCAAATGAC 1

RESULT 1343  
US-09-544-713-65  
Sequence 65, Application US/09544713  
Patent No. 6261782  
GENERAL INFORMATION:  
APPLICANT: Lizardi, Paul M.  
APPLICANT: Roth, Matthew E.  
APPLICANT: Feng, LI  
APPLICANT: Guerra, Cesar E.  
APPLICANT: Weber, Shane C.  
APPLICANT: Kaufman, Joseph C.  
APPLICANT: Latimer, Darin R.  
TITLE OF INVENTION: Fixed Address Analysis of Sequence Tags  
Patent No. 6261782  
FILE REFERENCE: YU 126  
CURRENT APPLICATION NUMBER: US/09/544, 713  
CURRENT FILING DATE: 2000-04-06  
PRIOR APPLICATION NUMBER: 60/127, 932  
PRIOR FILING DATE: 1999-04-06  
NUMBER OF SEQ ID NOS: 79  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 65  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:  
OTHER INFORMATION: Ligase-detector  
US-09-544-713-65

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4924 AACGATGGAAGCTTGGAT 4941  
DB 1 AACGATGGAAGCTTGGAT 18

## RESULT 1344

US-09-338-907-39/C  
Sequence 39, Application US/09338907  
Patent No. 6265546  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Ilye, Chumakov  
APPLICANT: Bougueleret, Lydie  
TITLE OF INVENTION: PROSTATE CANCER GENE  
FILE REFERENCE: GENSET.18CPLCP  
CURRENT APPLICATION NUMBER: US/09/338,907  
CURRENT FILING DATE: 1999-06-23  
EARLIER APPLICATION NUMBER: 08/996,306  
EARLIER FILING DATE: 1997-12-22  
EARLIER APPLICATION NUMBER: 60/099,658  
EARLIER FILING DATE: 1998-09-09  
EARLIER APPLICATION NUMBER: 09/218,207  
EARLIER FILING DATE: 1998-12-22  
NUMBER OF SEQ ID NOS: 578  
SOFTWARE: Patent.pm  
SEQ ID NO 39  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: misc-feature  
LOCATION: 1..18  
OTHER INFORMATION: upstream amplification primer 99-123-PU  
US-09-338-907-39

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4834 CCCTTGAGTCTGCTTT 4851  
DB 18 CCCTTGAGTCTGCTTT 1

## RESULT 1345

US-09-338-907-360/C  
Sequence 360, Application US/09338907  
Patent No. 6265546  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Ilye, Chumakov  
APPLICANT: Bougueleret, Lydie  
TITLE OF INVENTION: PROSTATE CANCER GENE  
FILE REFERENCE: GENSET.18CPLCP  
CURRENT APPLICATION NUMBER: US/09/338,907  
CURRENT FILING DATE: 1999-06-23  
EARLIER APPLICATION NUMBER: 08/996,306  
EARLIER FILING DATE: 1997-12-22  
EARLIER APPLICATION NUMBER: 60/099,658  
EARLIER FILING DATE: 1998-09-09  
EARLIER APPLICATION NUMBER: 09/218,207  
EARLIER FILING DATE: 1998-12-22  
NUMBER OF SEQ ID NOS: 578

SOFTWARE: Patent.pm  
SEQ ID NO 360  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: misc-feature  
LOCATION: 1..18  
OTHER INFORMATION: upstream amplification primer for SEQ 228, SEQ 305  
US-09-338-907-360

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4834 CCCTTGAGTCTGCTTT 4851  
DB 18 CCCTTGAGTCTGCTTT 1

## RESULT 1346

US-09-472-880-9/C  
Sequence 9, Application US/09472880  
Patent No. 6274333  
GENERAL INFORMATION:  
APPLICANT: Daniel CAPUT  
Pascal CHALON  
Vita NATALIO  
TITLE OF INVENTION: Type 2 Neurotensin Receptor  
(NNT-R2)  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Jacobson, Price, Holman & Stern, PLLC  
STREET: 400 Seventh Street  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (BPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/472,880  
FILING DATE: 28-Dec-1999  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/FR 9723204  
FILING DATE: 17-MAR-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,049  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-09-472-880-9  
SEQUENCE DESCRIPTION: SEQ ID NO: 9:

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 705 TGGGAGGAGGCGGCTTG 722  
DB 18 TGGGAGGAGGCGGCTTG 1

## RESULT 1347

US-09-630-706-94  
; Sequence 94, Application US/09630706  
; Patent No. 6277640  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION  
; FILE REFERENCE: RTS-0053  
; CURRENT APPLICATION NUMBER: US/09/630,706  
; CURRENT FILING DATE: 2000-08-01  
; NUMBER OF SEQ ID NOS: 94  
; SEQ ID NO 94  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-630-706-94

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 3637 CCATTGCTGAGATGCA 3654  
Db 1 CAAAGTCTGAGATTACA 18

RESULT 1348  
US-09-577-902-10/c  
; Sequence 10, Application US/09577902  
; Patent No. 6284538  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; APPLICANT: Robert McKay  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION  
; FILE REFERENCE: ISPH-0463  
; CURRENT APPLICATION NUMBER: US/09/577,902  
; CURRENT FILING DATE: 2000-05-24  
; PRIOR APPLICATION NUMBER: US 09/358,381  
; PRIOR FILING DATE: 1999-07-21  
; PRIOR APPLICATION NUMBER: PCT/US99/29594,  
; PRIOR FILING DATE: 1999-12-14  
; NUMBER OF SEQ ID NOS: 51  
; SEQ ID NO 10  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-577-902-10

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 3152 TCACGATGCTGAGCCA 3169  
Db 18 TCTCGAAGCTGCAGCCA 1

RESULT 1349  
US-09-514-422-4  
; Sequence 4, Application US/09514422  
; Patent No. 6291193  
; GENERAL INFORMATION:  
; APPLICANT: Khodadoust, Mehran  
; TITLE OF INVENTION: NOVEL MTBX PROTEIN AND NUCLEIC ACID MOLECULES AND USES  
; TITLE OF INVENTION: THEREFOR  
; FILE REFERENCE: MNT-046CP2  
; CURRENT APPLICATION NUMBER: US/09/514,422  
; CURRENT FILING DATE: 2000-02-28

PRIOR APPLICATION NUMBER: US/09/189,760  
; PRIOR FILING DATE: 1998-11-10  
; PRIOR APPLICATION NUMBER: 09/163,116  
; PRIOR FILING DATE: 1998-09-29  
; PRIOR APPLICATION NUMBER: 60/089,467  
; PRIOR FILING DATE: 1998-06-16  
; PRIOR APPLICATION NUMBER: (PENDING)  
; PRIOR FILING DATE: 1998-11-09  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 4  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-514-422-4

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1125 TCCTGGAGCCCAATGGCC 1142  
Db 1 TCTGAGTCCCACTGGCC 18

RESULT 1350  
US-08-996-533-13  
; Sequence 13, Application US/08996533  
; Patent No. 6294657  
; GENERAL INFORMATION:  
; APPLICANT: Nagpal, Sunil  
; APPLICANT: Disepio, Daniel  
; APPLICANT: Chandraratna, Roshantha  
; TITLE OF INVENTION: RETINOID INDUCED GENE  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Knobbe, Martens, Olson & Bear  
; STREET: 620 Newport Center Drive 16th Floor  
; CITY: Newport Beach  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 92660  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/996,533  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/808,303  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Altman, Daniel B  
; REGISTRATION NUMBER: 34,115  
; REFERENCE/DOCKET NUMBER: ALRGN.062A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 714-760-0404  
; TELEFAX: 714-760-9502  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-08-996-533-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;



Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 3284 GCCCAGCTGAGAGC 3301  
DB 1 GCGACGCTGAGAGC 18

RESULT 1351  
US-09-521-144-34/C  
Sequence 34, Application US/09521144  
Patent No. 6306648  
GENERAL INFORMATION:  
APPLICANT: Labri, Jill M.  
APPLICANT: Kidd, Vincent J.  
TITLE OF INVENTION: CYCLIN-C VARIANT, AND DIAGNOSTIC AND  
TITLE OF INVENTION: THERAPEUTIC USES THEREOF  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: David A. Jackson, Esq.  
STREET: 411 Hackensack Ave, Continental Plaza, 4th  
STREET: Floor  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/521.144  
FILING DATE: 08-MAR-2000  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/867,381  
FILING DATE: 02-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 1340-1-001 N  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-343-1684  
TELEFAX: 201-343-1684  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: other nucleic acid  
DESCRIPTION: /desc = "Oligonucleotides C-28"  
HYPOTHETICAL: NO  
US-09-521-144-34

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 4801 CTCGACGCTGAGTATC 4818  
DB 18 CTCGACGCTGAGTATTC 1

RESULT 1352  
US-09-257-580-10  
Sequence 10, Application US/09257580  
Patent No. 6307036  
GENERAL INFORMATION:  
APPLICANT: Yorkshire Cancer Research  
APPLICANT: Tumour Suppressor Gene  
FILE REFERENCE: Canine P53  
CURRENT APPLICATION NUMBER: US/09/257.580

CURRENT FILING DATE: 1999-02-25  
PRIOR APPLICATION NUMBER: 9804178.3  
PRIOR FILING DATE: 1998-02-28  
NUMBER OF SEQ. ID NOS: 11  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 10  
LENGTH: 18  
TYPE: DNA  
ORGANISM: canis  
US-09-257-580-10

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1644 CTCGAGGTGTGAGTCT 1661  
DB 1 CTCGAGGTGTGAGTCT 18

RESULT 1353  
US-08-891-292A-24  
Sequence 24, Application US/08891292A  
Patent No. 6312892  
GENERAL INFORMATION:  
APPLICANT: Barany, Francis  
APPLICANT: Luo, Jianying  
APPLICANT: Khanna, Marilyn  
TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY  
TITLE OF INVENTION: LIGASE DETECTION REACTION  
FILE REFERENCE: 19603/457  
CURRENT APPLICATION NUMBER: US/08/891.292A  
CURRENT FILING DATE: 1997-07-10  
PRIOR APPLICATION NUMBER: 60/022.535  
PRIOR FILING DATE: 1996-07-19  
NUMBER OF SEQ ID NOS: 96  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 24  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: Description of Artificial Sequence: Primer for  
OTHER INFORMATION: PCR or LDR  
US-08-891-292A-24

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4217 CCTGTGCGTGTGCTT 4234  
DB 1 CGTCTGCGTGTGCTT 18

RESULT 1354  
US-08-891-292A-39  
Sequence 39, Application US/08891292A  
Patent No. 6312892  
GENERAL INFORMATION:  
APPLICANT: Barany, Francis  
APPLICANT: Luo, Jianying  
APPLICANT: Khanna, Marilyn  
APPLICANT: Bergstrom, Donald E.  
TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY  
TITLE OF INVENTION: LIGASE DETECTION REACTION  
FILE REFERENCE: 19603/457  
CURRENT APPLICATION NUMBER: US/08/891.292A  
CURRENT FILING DATE: 1997-07-10  
PRIOR APPLICATION NUMBER: 60/022.535  
PRIOR FILING DATE: 1996-07-19  
NUMBER OF SEQ ID NOS: 96

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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer for
; OTHER INFORMATION: PCR or LDR
US-08-891-292A-39
```

```
Query Match
Best Local Similarity 83.3%; DB 1; Length 18;
Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 4217 CCTCTGTGTGTGTGCTTT 4234
      |||||
Db 1 CGTCTGCGGTGTGCTGCTT 18
```

```
RESULT 1355
US-09-302-620B-18/c
; Sequence 18, Application US/09302620B
; Patent No. 6331420
; GENERAL INFORMATION:
; APPLICANT: Wilson, C. Ron
; APPLICANT: Craft, David L.
; APPLICANT: Birch, Dudley
; APPLICANT: Bahoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME P450
; TITLE OF INVENTION: OXIDOREDUCTASE GENES AND PROTEINS RELATED TO THE OMEGA
; TITLE OF INVENTION: HYDROXYLASE COMPLEX OF CANDIDA TROPICALIS AND METHODS
; TITLE OF INVENTION: RELATING THERETO
; FILE REFERENCE: 1010-16.seq
; CURRENT APPLICATION NUMBER: US/09/302,620B
; CURRENT FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 109
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-302-620B-18
```

```
Query Match
Best Local Similarity 83.3%; DB 1; Length 18;
Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5409 GAAAAAATGAATAAAG 5426
      |||||
Db 18 GAAGAAATGATTAACG 1
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```
RESULT 1356
US-09-651-656-62/c
; Sequence 62, Application US/09651656
; Patent No. 6340566
; GENERAL INFORMATION:
; APPLICANT: MCCUTHEN-MALONEY, SANDRA
; APPLICANT: LAWRENCE LIVERMORE NATIONAL LABORATORY
; TITLE OF INVENTION: DETECTION AND QUANTITATION OF SINGLE NUCLEOTIDE
; TITLE OF INVENTION: POLYMORPHISMS, DNA SEQUENCE VARIATIONS, DNA MUTATIONS,
; FILE REFERENCE: IL-10689
; CURRENT APPLICATION NUMBER: US/09/651,656
; CURRENT FILING DATE: 2000-08-29
```

```
; PRIOR APPLICATION NUMBER: 60/192,764
; PRIOR FILING DATE: 2000-03-28
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 62
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-09-651-656-62
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```
Query Match
Best Local Similarity 83.3%; DB 1; Length 18;
Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 4550 AGCAGCTGATAGCCCGAG 4567
      |||||
Db 18 AGCACTGAGAGCTCGAG 1
```

```
RESULT 1357
US-09-651-656-64/c
; Sequence 64, Application US/09651656
; Patent No. 6340566
; GENERAL INFORMATION:
; APPLICANT: MCCUTHEN-MALONEY, SANDRA
; APPLICANT: LAWRENCE LIVERMORE NATIONAL LABORATORY
; TITLE OF INVENTION: DETECTION AND QUANTITATION OF SINGLE NUCLEOTIDE
; TITLE OF INVENTION: POLYMORPHISMS, DNA SEQUENCE VARIATIONS, DNA MUTATIONS,
; FILE REFERENCE: IL-10689
; CURRENT APPLICATION NUMBER: US/09/651,656
; CURRENT FILING DATE: 2000-08-29
; PRIOR APPLICATION NUMBER: 60/192,764
; PRIOR FILING DATE: 2000-03-28
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-09-651-656-64
```

```
Query Match
Best Local Similarity 83.3%; DB 1; Length 18;
Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 4550 AGCAGCTGATAGCCCGAG 4567
      |||||
Db 18 AGCACTGAGAGCTCGAG 1
```

```
RESULT 1358
US-09-133-411-13/c
; Sequence 13, Application US/09133411
; Patent No. 6342383
; GENERAL INFORMATION:
; APPLICANT: HEVRE PERON
; APPLICANT: FRANCOIS MALLET
; APPLICANT: BERNARD MANDRAND
; APPLICANT: FREDERIC BEDIN
; APPLICANT: FREDERIC BESEME
; TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
; TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOLY
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria
```

STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/133,411  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/384,137  
FILING DATE: February 6, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Berridge, William P.  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 36055  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6400  
TELEFAX: 703-836-2787  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleotide  
STRANDEDNESS: single-stranded  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-09-133-411-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2099 CCTGCACTGCGGATGC 2116  
Db 18 CGTGCAGTTCGCGGATGC 1

RESULT 1359  
US-09-133-411-15/c  
Sequence 15, Application US/09133411  
Patent No. 6342383  
GENERAL INFORMATION:  
APPLICANT: HERVE PERRON  
APPLICANT: FRANCOIS MALLLET  
APPLICANT: BERNARD MANDRAND  
APPLICANT: FREDERIC BEDIN  
APPLICANT: FREDERIC BESME  
TITLE OF INVENTION: MERV1 VIRUS AND MERV2 PATHOGEN AND/OR  
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL  
TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)  
NUMBER OF SEQUENCES: 38  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Oliff & Berridge  
STREET: 700 South Washington Street, Suite 300  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/133,411  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/384,137  
FILING DATE: February 6, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Berridge, William P.

REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 36055  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6400  
TELEFAX: 703-836-2787  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleotide  
STRANDEDNESS: single-stranded  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-09-133-411-15

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2099 CCTGCACTGCGGATGC 2116  
Db 18 CGTGCAGTTCGCGGATGC 1

RESULT 1360  
US-09-133-411-28/c  
Sequence 28, Application US/09133411  
Patent No. 6342383  
GENERAL INFORMATION:  
APPLICANT: HERVE PERRON  
APPLICANT: FRANCOIS MALLLET  
APPLICANT: BERNARD MANDRAND  
APPLICANT: FREDERIC BEDIN  
APPLICANT: FREDERIC BESME  
TITLE OF INVENTION: MERV1 VIRUS AND MERV2 PATHOGEN AND/OR  
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL  
TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)  
NUMBER OF SEQUENCES: 38  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Oliff & Berridge  
STREET: 700 South Washington Street, Suite 300  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/133,411  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/384,137  
FILING DATE: February 6, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Berridge, William P.  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 36055  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6400  
TELEFAX: 703-836-2787  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleotide  
STRANDEDNESS: single-stranded  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-09-133-411-28

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;

	Matches	15, Conservative	0; Mismatches	3; Indels	0; Gaps	0;
QY	2099	CCTGCACCTGGCCTGATGC	2116			
Db	18	CGTGCAGTTGCCGATGC	1			

```

RESULT 1361
US-09-218-207-39/c
; Sequence 39, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumentfeld, Marta
; APPLICANT: Ilya, Chinnakov
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CP1
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent .pm
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc-feature
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-123-FU
US-09-218-207-39

```

Query Match	0.2%	Score 13.2;	DB 1;	Length 18;
Best Local Similarity	83.3%	Pred. No. 7.9e+02;		
Matches 15; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

Oy	4834	CCCTGAGTCGTGGCTTT	4851
Dd	18	CCATTCTAGTCTTGCTTT	1

```

RESULT 1362 207-360/c
; Sequence 360, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CP1
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 360
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer for SEQ 228, SEQ 305
US-09-218-207-360

```

Query Match	0.2%	Score 13.2;	DB 1;	Length 18;
Best Local Similarity	83.3%	Pred. No. 7.9e+02;		
Matches 15; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

Qy	4834	CCCTTAGTCTCTGACCTT	4851
Db	18	CCCTTAGTCTCTGACCTT	1

  

RESULT	1363
US-09-357-740-6/c	
Sequence 6, Application US/09357740	
Patent No. 6348596	
GENERAL INFORMATION:	
APPLICANT: Lee, Linda G.	
APPLICANT: Graham, Ronald J.	
APPLICANT: Mullah, Khairuzzaman B.	
APPLICANT: Haxo, Francis T.	
TITLE OF INVENTION: ASYMMETRIC CYANINE DYE QUENCHERS	
FILE REFERENCE: 9584-007	
CURRENT APPLICATION NUMBER: US/09/357, 740	
CURRENT FILING DATE: 1999-07-20	
EARLIER APPLICATION NUMBER: 09/012,525	
EARLIER FILING DATE: 1998-01-23	
NUMBER OF SEQ. ID NOS: 22	
SOFTWARE: PatentIn Ver. 2.0	
SEQ ID NO 6	
LENGTH: 18	
TYPE: DNA	
ORGANISM: Artificial Sequence	
FEATURE:	
OTHER INFORMATION: Description of Artificial Sequence: Primer	
US-09-357-740-6	

Query Match	0.2%	Score 13.2;	DB 1;	Length 18;
Best Local Similarity	83.3%	Pred. No. 7.9e+02;		
Matches 15; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

<b>OY</b>	4646 AGAACACGAGGCCCAGCC 4663
<b>Dd</b>	18 AGAAGACGGCGACCAGCC 1

```

US-09-026-601-18
Sequence 18, Application US/09026601
Patent No. 6358680
GENERAL INFORMATION:
APPLICANT: Beck, James J.
TITLE OF INVENTION: Detection of Wheat and Barley Fungal
TITLE OF INVENTION: Pathogens Using the Polymerase Chain Reaction
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6358680artis Corporation
STREET: 3054 Cornwallis Road
CITY: Research Triangle Park
STATE: No. 6358680th Carolina
COUNTRY: USA
ZIP: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/026,601
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: CGC 1984

```

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-541-8587
; TELEFAX: 919-541-8689
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: other nucleic acid
;   DESCRIPTION: /desc = "Primer JB652"
;
US-09-026-601-18

Query Match      0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3018 GAGAGCGCTGCTGCTGCT 3035
Db      1 GATAGGCGCTGCTGCTGCT 18

RESULT 1365
US-09-650-855-62/c
; Sequence 62, Application US/09650855
; Patent No. 6365355
; GENERAL INFORMATION:
; APPLICANT: MCCUTHEN-MALONEY, SANDRA
; TITLE OF INVENTION: CHIMERIC PROTEINS FOR DETECTION AND QUANTITATION OF DNA
; TITLE OF INVENTION: MUTATIONS, DNA SEQUENCE VARIATIONS, DNA DAMAGE AND DNA
; FILE REFERENCE: IL-10284
; CURRENT APPLICATION NUMBER: US/09/650,855
; PRIOR FILING DATE: 2000-08-29
; PRIOR APPLICATION NUMBER: 60/192,764
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 62
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
;
US-09-650-855-62

Query Match      0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4550 AGCAGCTGATAGCCCGAG 4567
Db      18 AGCACTGAGAGCTCGAG 1

RESULT 1366
US-09-650-855-64/c
; Sequence 64, Application US/09650855
; Patent No. 6365355
; GENERAL INFORMATION:
; APPLICANT: MCCUTHEN-MALONEY, SANDRA
; TITLE OF INVENTION: CHIMERIC PROTEINS FOR DETECTION AND QUANTITATION OF DNA
; TITLE OF INVENTION: MUTATIONS, DNA SEQUENCE VARIATIONS, DNA DAMAGE AND DNA
; FILE REFERENCE: IL-10284
; CURRENT APPLICATION NUMBER: US/09/650,855
; PRIOR FILING DATE: 2000-08-29
; PRIOR APPLICATION NUMBER: 60/192,764
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: PatentIn Ver. 2.1
```

```

; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
;
US-09-650-855-64

Query Match      0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4550 AGCAGCTGATAGCCCGAG 4567
Db      18 AGCACTGAGAGCTCGAG 1

RESULT 1367
US-09-205-995-48
; Sequence 48, Application US/09205995
; Patent No. 6368855
; GENERAL INFORMATION:
; APPLICANT: XU, Minzhen
; APPLICANT: Qiu, Gang
; APPLICANT: Humphrey, Robert
; TITLE OF INVENTION: CANCER CELL VACCINE
; FILE REFERENCE: U.S. Application 09/205,995, (CIP)
; CURRENT APPLICATION NUMBER: US/09/205,995
; CURRENT FILING DATE: 1998-12-04
; PRIOR APPLICATION NUMBER: 09/036,746
; PRIOR FILING DATE: 1998-03-09
; PRIOR APPLICATION NUMBER: 08/661,627
; PRIOR FILING DATE: 1996-06-11
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: antisease
;   OTHER INFORMATION: oligonucleotide corresponding to a specific region
;   OTHER INFORMATION: of the mouse Ii gene.
;
US-09-205-995-48

Query Match      0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2641 CTGCAGCTGCTGCTGCTG 2658
Db      1 CTGCTGCTGTTGCTGCTG 18

RESULT 1368
US-09-205-995-61
; Sequence 61, Application US/09205995
; Patent No. 6368855
; GENERAL INFORMATION:
; APPLICANT: XU, Minzhen
; APPLICANT: Qiu, Gang
; APPLICANT: Humphrey, Robert
; TITLE OF INVENTION: CANCER CELL VACCINE
; FILE REFERENCE: U.S. Application 09/205,995, (CIP)
; CURRENT APPLICATION NUMBER: US/09/205,995
; CURRENT FILING DATE: 1998-12-04
; PRIOR APPLICATION NUMBER: 09/036,746
; PRIOR FILING DATE: 1998-03-09
; PRIOR APPLICATION NUMBER: 08/661,627
; PRIOR FILING DATE: 1996-06-11
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 61
```

```

; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
; OTHER INFORMATION: oligonucleotide corresponding to a specific region
US-09-205-995-61

Query Match
  Query Match 0.2%; Score 13.2; DB 1; Length 18;
  Best Local Similarity 83.3%; Pred. No. 7.9e+02;
  Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4026 CTTTGTGCTCTCCAGG 4043
Db 1 CTTTGTGCTCTCAGG 18

RESULT 1369
US-09-019-793A-79/c
; Sequence 79, Application US/09019793A
; Patent No. 6380376
; GENERAL INFORMATION:
; APPLICANT: PAUL, Prem
; APPLICANT: MENG, Xiang-jin
; APPLICANT: MOROZOV, Igor
; APPLICANT: HALBUD, Patrick
; TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE
; TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV)
; FILE REFERENCE: 4625-0039-55X CIP
; CURRENT APPLICATION NUMBER: US/09/019,793A
; CURRENT FILING DATE: 1998-02-06
; PRIOR APPLICATION NUMBER: 08/478,316
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 08/301,435
; PRIOR FILING DATE: 1994-09-01
; PRIOR APPLICATION NUMBER: 08/131,625
; PRIOR FILING DATE: 1993-10-05
; PRIOR APPLICATION NUMBER: 07/969,071
; PRIOR FILING DATE: 1992-10-30
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 79
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-09-019-793A-79

Query Match
  Query Match 0.2%; Score 13.2; DB 1; Length 18;
  Best Local Similarity 83.3%; Pred. No. 7.9e+02;
  Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1008 CTCCCGACGACGATC 1025
Db 18 CTTCCGACGACGATC 1

RESULT 1370
US-09-637-751A-7/c
; Sequence 7, Application US/09637751A
; Patent No. 6383754
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Peng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; Patent No. 6383754
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/09/637,751A
```

```

; CURRENT FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-637-751A-7

Query Match
  Query Match 0.2%; Score 13.2; DB 1; Length 18;
  Best Local Similarity 83.3%; Pred. No. 7.9e+02;
  Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5391 TTAATAAATACAAAAA 5408
Db 18 TGAATAAATAAATAAATA 1

RESULT 1371
US-09-856-074B-35/c
; Sequence 35, Application US/09856074B
; Patent No. 6395545
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-ALPHA EXPRESSION
; FILE REFERENCE: RSP-0117
; CURRENT APPLICATION NUMBER: US/09/856,074B
; CURRENT FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US/09/197,360
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: US/09/856,074
; PRIOR FILING DATE: 2001-05-17
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 35
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-856-074B-35

Query Match
  Query Match 0.2%; Score 13.2; DB 1; Length 18;
  Best Local Similarity 83.3%; Pred. No. 7.9e+02;
  Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 436 GGCMAAGGACGACATGT 453
Db 18 GACMAAGGCGACGACATGT 1

RESULT 1372
US-09-167-109-167/c
; Sequence 167, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowert, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 167
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
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US-09-167-109-167

Query Match 0.2%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4678 TTCAGCTTGAGCCAGTCC 4695

Db 18 TCACATCTTCAGCCAGTCC 1

RESULT 1373

US-09-545-225-9/c

Sequence 9, Application US/09545225

Patent No. 6410321

GENERAL INFORMATION:

APPLICANT: Lin, Ching-I Patey

Wallace, Robert Bruce

Cosman, Jeffrey

French, Cynthia

TITLE OF INVENTION: Lyophilization of Cultured Human Cells

to Preserve RNA and DNA

NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:

ADDRESSER: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/545,225

FILING DATE: 07-Apr-2000

CLASSIFICATION: &lt;Unknown&gt;

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/884,029

FILING DATE: 27-JUN-1997

ATTORNEY/AGENT INFORMATION:

NAME: Parent, Annette S.

REGISTRATION NUMBER: 42,058

REFERENCE/DOCKET NUMBER: 025588-059100US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

FEATURE:

NAME/KEY: modified\_base

LOCATION: 13..18

OTHER INFORMATION: /mod bases OTHER

/note= "t at positions 13-18 may be

present or absent"

SEQUENCE DESCRIPTION: SEQ ID NO: 9:

US-09-545-225-9

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATACAAAAAGAAAAA 5415

Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 1374

US-09-619-103-24

Sequence 24, Application US/09619103

Patent No. 6429300

GENERAL INFORMATION:

APPLICANT: Kurtz, Markus

APPLICANT: Lohse, Peter

APPLICANT: Wagner, Richard

TITLE OF INVENTION: Peptide Acceptor Ligation Methods

FILE REFERENCE: 50036/031002

CURRENT APPLICATION NUMBER: US/09/619,103

CURRENT FILING DATE: 2000-07-19

PRIOR APPLICATION NUMBER: 60/145,834

PRIOR FILING DATE: 1999-07-27

NUMBER OF SEQ ID NOS: 26

SOFTWARE: PaeSeQ for Windows Version 4.0

SEQ ID NO 24

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: designed sequence for nucleic acid purification

US-09-619-103-24

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATACAAAAAGAAAAA 5415

Db 1 AAAAAAAAAAAAAAAAAA 18

RESULT 1375

US-08-275-951-32/c

Sequence 32, Application US/08275951

Patent No. 6451968

GENERAL INFORMATION:

APPLICANT: Egholm, Michael

APPLICANT: Kiely, John

APPLICANT: Griffin, Michael

APPLICANT: Coull, James M.

APPLICANT: Nielsen, Peter

APPLICANT: Buchardt, Ole

APPLICANT: Dueholm, Kim L.

APPLICANT: Christensen, Leif

TITLE OF INVENTION: Linked Peptide Nucleic Acids

FILE REFERENCE: IS151577

CURRENT APPLICATION NUMBER: US/08/275,951

CURRENT FILING DATE: 1994-07-15

PRIOR APPLICATION NUMBER: 08/108,591

PRIOR FILING DATE: 1993-11-22

PRIOR APPLICATION NUMBER: 08/088,658

PRIOR FILING DATE: 1993-07-02

PRIOR APPLICATION NUMBER: 08/088,661

PRIOR FILING DATE: 1993-07-02

PRIOR APPLICATION NUMBER: PCT/EP92/01219

PRIOR FILING DATE: 1992-05-22

PRIOR APPLICATION NUMBER: 986/91

PRIOR FILING DATE: 1991-05-22

PRIOR APPLICATION NUMBER: 987/91

PRIOR FILING DATE: 1991-05-24

PRIOR APPLICATION NUMBER: 510/92

PRIOR FILING DATE: 1991-04-15

NUMBER OF SEQ ID NOS: 65

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 32

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence

NAME/KEY: misc\_feature  
LOCATION: (9)..(10)  
OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino  
OTHER INFORMATION: Hexanoic Acid, Lysine Linkage  
US-08-275-951-32

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAATCAAAAAGAAAA 5413  
DB 18 AAAAGAAAAAAACAAAA 1

RESULT 1376  
US-09-531-000-29/C  
Sequence 29, Application US/09531000  
Patent No. 6461810  
GENERAL INFORMATION:  
APPLICANT: JOHNSON, Marion D.  
APPLICANT: FRESKO, Jacques R.  
TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION  
FILE REFERENCE: 2448-103  
CURRENT APPLICATION NUMBER: US/09/531,000  
CURRENT FILING DATE: 2000-09-08  
PRIOR APPLICATION NUMBER: PCT/US98/23765  
PRIOR FILING DATE: 1998-11-10  
PRIOR APPLICATION NUMBER: 60/064,997  
PRIOR FILING DATE: 1997-11-10  
NUMBER OF SEQ ID NOS: 77  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 29  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Target  
US-09-531-000-29

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2122 ATGAGCGAAGGAAAA 2139  
DB 18 ATGAGCGAAGGAAAA 1

RESULT 1377  
US-09-322-409-17  
Sequence 17, Application US/09322409  
Patent No. 6471957  
GENERAL INFORMATION:  
APPLICANT: Sim, Gek-Kee  
APPLICANT: Yang, Shumin  
APPLICANT: Dreitz, Matthew J.  
APPLICANT: Wonderting, Ramani S.  
TITLE OF INVENTION: CANINE AND FELINE IMMUNOREGULATORY PROTEINS, NUCLEIC  
TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF  
FILE REFERENCE: IM-2-C1  
CURRENT APPLICATION NUMBER: US/09/322,409  
CURRENT FILING DATE: 1999-05-28  
EARLIER APPLICATION NUMBER: 60/087,306  
EARLIER FILING DATE: 1998-05-23  
NUMBER OF SEQ ID NOS: 154  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 17  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: Primer  
US-09-322-409-17

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 TGGCATGAGGTGGCCTC 686  
DB 1 TGGCATGAGGTGGCCTC 18

RESULT 1378  
US-09-451-527-17  
Sequence 17, Application US/09451527  
Patent No. 6482403  
GENERAL INFORMATION:  
APPLICANT: Sim, Gek-Kee  
APPLICANT: Yang, Shumin  
APPLICANT: Dreitz, Matthew J.  
APPLICANT: Wonderting, Ramani S.  
TITLE OF INVENTION: CANINE AND FELINE IMMUNOREGULATORY PROTEINS, NUCLEIC  
TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF  
FILE REFERENCE: IM-2-C2  
CURRENT APPLICATION NUMBER: US/09/451,527  
CURRENT FILING DATE: 1999-12-01  
PRIOR APPLICATION NUMBER: 09/322,409  
EARLIER FILING DATE: 1999-05-28  
EARLIER APPLICATION NUMBER: 60/087,306  
EARLIER FILING DATE: 1998-05-23  
NUMBER OF SEQ ID NOS: 174  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 17  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-451-527-17

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 TGGCATGAGGTGGCCTC 686  
DB 1 TGGCATGAGGTGGCCTC 18

RESULT 1379  
US-09-431-385-19/C  
Sequence 19, Application US/09431385  
Patent No. 6485906  
GENERAL INFORMATION:  
APPLICANT: Meyer, Rich  
TITLE OF INVENTION: OLIGONUCLEOTIDES CONTAINING  
TITLE OF INVENTION: PYRAZOLO[3,4-D]PYRIMIDINES FOR HYBRIDIZATION AND  
TITLE OF INVENTION: MISMATCH DISCRIMINATION  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 755 PAGE MILL ROAD  
CITY: PALO ALTO  
STATE: CA  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows  
SOFTWARE: FastSeq for Windows Version 2.0b



```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/431,385
; FILING DATE: 1999-NOV-01
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 09/054,830
; FILING DATE: 1998-APR-03
; ATTORNEY/AGENT INFORMATION:
; NAME: Brennan, Sean M
; REGISTRATION NUMBER: 39,917
; REFERENCE/DOCKET NUMBER: 34469-20005.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-09-431-385-19
;
Query Match      0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      1073 GGAGCTGGGATCCCCAC 1090
Db      18 GCAGCTCGGAACCCAC 1

RESULT 1380
US-09-920-760-19
; Sequence 19, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseart
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
; US-09-920-760-19
;
Query Match      0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      793 GGCCACTCTCCTCATTC 810
Db      1 GGGCCCTCTCCCTCTGC 18

RESULT 1381
US-09-920-760-35
; Sequence 35, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseart
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 35
; LENGTH: 18
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
; US-09-920-760-35
;
Query Match      0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      2212 TTGGAGCCCGAGCTCAGA 2229
Db      1 TCGGAGCCCGAGCCAGAG 18

RESULT 1382
US-09-077-619-30
; Sequence 30, Application US/09077619
; Patent No. 6500614
; GENERAL INFORMATION:
; APPLICANT: ARGUELLO, Rafael
; APPLICANT: AVAKIAN, Haynes
; APPLICANT: MADRIGAL, Alejandro
; TITLE OF INVENTION: METHOD FOR IDENTIFYING AN UNKNOWN ALLELE
; FILE REFERENCE: 028979/0104
; CURRENT APPLICATION NUMBER: US/09/077,619
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/GB96/02959
; PRIOR FILING DATE: 1996-11-29
; PRIOR APPLICATION NUMBER: GB 9524381.2
; PRIOR FILING DATE: 1995-11-29
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 30
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
;
; US-09-077-619-30
;
Query Match      0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      2148 GACTTCCAGACGACAC 2165
Db      1 GATCTCCAGACGACAC 18

RESULT 1383
US-09-280-030-28/C
; Sequence 28, Application US/09280030A
; Patent No. 6506595
; GENERAL INFORMATION:
; APPLICANT: Sato, Seiji
; APPLICANT: Higashikuni, Naohiko
; APPLICANT: Kudo, Toshiyuki
; APPLICANT: Kondo, Masaki
; TITLE OF INVENTION: DNAs ENCODING NEW FUSION PROTEINS AND PROCESSES FOR THE
; TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE
; FILE REFERENCE: 382.1026
; CURRENT APPLICATION NUMBER: US/09/280,030A
; CURRENT FILING DATE: 1999-03-26
; EARLIER APPLICATION NUMBER: JP10-87339/1998
; EARLIER FILING DATE: 1998-03-31
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designated is
```

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; OTHER INFORMATION: a reverse primer for PCR amplification of
; OTHER INFORMATION: MWPM-MWPMs DNA
US-09-280-030-28

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2115 GCACGACATGAGCGGAA 2132
Db      18 GCACGACAGAGAGCAGCA 1

RESULT 1384
US-09-319-588C-55/C
; Sequence 55, Application US/09319588C
; Patent No. 6509018
; GENERAL INFORMATION:
; APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-INSERM
; APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS
; APPLICANT: INSTITUT PASTEUR
; APPLICANT: MAUCIERE, Philippe
; APPLICANT: LOUSSET-AJAKA, Ibtissam
; APPLICANT: SIMON, Francois
; APPLICANT: SARAGOSTI, Sencob
; APPLICANT: BARE-SINOUSI, Francoise
; TITLE OF INVENTION: NON-M NON-O HIV STRAINS, FRAGMENTS AND APPLICATIONS.
; FILE REFERENCE: 598US12
; CURRENT APPLICATION NUMBER: US/09/319,588C
; CURRENT FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: FR96/15087
; PRIOR FILING DATE: 1996-12-09
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-319-588C-55

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2845 CACAGATCAACATGAGC 2862
Db      18 CATATGTCACATGAGC 1

RESULT 1385
US-09-319-588C-76/C
; Sequence 76, Application US/09319588C
; Patent No. 6509018
; GENERAL INFORMATION:
; APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-INSERM
; APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS
; APPLICANT: INSTITUT PASTEUR
; APPLICANT: MAUCIERE, Philippe
; APPLICANT: LOUSSET-AJAKA, Ibtissam
; APPLICANT: SIMON, Francois
; APPLICANT: SARAGOSTI, Sencob
; APPLICANT: BARE-SINOUSI, Francoise
; TITLE OF INVENTION: NON-M NON-O HIV STRAINS, FRAGMENTS AND APPLICATIONS.
; FILE REFERENCE: 598US12
; CURRENT APPLICATION NUMBER: US/09/319,588C
; CURRENT FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: FR96/15087
; PRIOR FILING DATE: 1996-12-09
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 76 (corresponds to LSI AS1.1 ltr of Figure 1)
```

```
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-319-588C-76

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2845 CACAGATCAACATGAGC 2862
Db      18 CATATGTCACATGAGC 1

RESULT 1386
US-09-422-978-5800
; Sequence 5800, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5800
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-6989 for SEQ 1866,
US-09-422-978-5800

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2791 TGCATTAAATTCAGCCG 2808
Db      1 TGCATTAAATTCAGCAGC 18

RESULT 1387
US-09-422-978-5872/C
; Sequence 5872, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
```

SEQ ID NO 5872  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..18  
OTHER INFORMATION: upstream amplification primer 99-7454 for SEQ 1938,  
US-09-422-978-5872

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3700 CCTCTCTCTGCTCTCAA 3717  
DB 18 CCTCTCTTACCTCTCAA 1

RESULT 1388

US-09-422-978-6975  
Sequence 6975, Application US/09422978  
Patent No. 6537751

GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSER.020CPI  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 6975  
LENGTH: 18

TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..18  
OTHER INFORMATION: upstream amplification primer 99-21810 for SEQ 3041,  
US-09-422-978-6975

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3446 AGCAGAGAACTCAGC 3463  
DB 1 AGCAGAGAACTCAGC 18

RESULT 1389

US-09-422-978-7557/c  
Sequence 7557, Application US/09422978  
Patent No. 6537751

GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSER.020CPI  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 7557  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..18  
OTHER INFORMATION: upstream amplification primer 99-7886 for SEQ 3623,  
US-09-422-978-7557

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1193 GAGAGAAATCAGAGAAAG 1210  
DB 18 GAGAGAGCAGAGAAAG 1

RESULT 1390

US-09-422-978-7598/c  
Sequence 7598, Application US/09422978  
Patent No. 6537751

GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSER.020CPI  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 7598  
LENGTH: 18

TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..18  
OTHER INFORMATION: upstream amplification primer 99-9343 for SEQ 3664,  
US-09-422-978-7598

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 460 CTGCTGATACCTCTCAC 477  
DB 18 CTGCTGATACCTCTCAC 1

RESULT 1391

US-09-422-978-7849/c  
Sequence 7849, Application US/09422978  
Patent No. 6537751

GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSER.020CPI  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850

```

; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7849
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-123 for SEQ 3915,
US-09-422-978-7849

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4834 CCCTTGAGTCCTGCTTT 4851
Db      18 CCTTCTAGTCTGCTTT 1

RESULT 1392
US-09-422-978-8202/C
; Sequence 8202, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020Cp1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8202
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-14343 for SEQ 337, in compleme
US-09-422-978-8202

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4916 CAGCACTAAGTATGGA 4933
Db      18 CAGCACTAAGTAAAGA 1

RESULT 1393
US-09-422-978-8642/C
; Sequence 8642, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020Cp1
```

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; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8642
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-17180 for SEQ 777, in compleme
US-09-422-978-8642

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1191 GAGAGAAATCAGAGA 1208
Db      18 GAGAGAAACCCAGAA 1

RESULT 1394
US-09-422-978-9179/C
; Sequence 9179, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020Cp1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9179
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-2275 for SEQ 1314, in compleme
US-09-422-978-9179

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4869 GTCTCAGTTTCTTCTCT 4886
Db      18 GGCTCTGTTCTTCTCT 1

RESULT 1395
US-09-422-978-9471/C
; Sequence 9471, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
```

APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET.020CPI  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 9471  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..18  
OTHER INFORMATION: downstream amplification primer 99-5101 for SEQ 1606, in compleme  
US-09-422-978-9471

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 564 GTCTCTGAAGAAGAGCA 581  
DB 18 GTCTCTGAAGAAGAGCA 1

RESULT 1396  
US-09-927-737C-24  
Sequence 24, Application US/09927737C  
Patent No. 6576453  
GENERAL INFORMATION:  
APPLICANT: Barany, Francis  
APPLICANT: Luo, Jianying  
APPLICANT: Khanna, Marilyn  
APPLICANT: Bergstrom, Donald E.  
TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY  
FILE REFERENCE: 19603/459  
CURRENT APPLICATION NUMBER: US/09/927,737C  
CURRENT FILING DATE: 2001-08-10  
PRIOR APPLICATION NUMBER: 60/022,535  
PRIOR FILING DATE: 1996-07-19  
PRIOR APPLICATION NUMBER: 08/891,292  
PRIOR FILING DATE: 1997-07-19  
NUMBER OF SEQ ID NOS: 97  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 24  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer for  
US-09-927-737C-24

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4217 CCTCTGGTGTGCTTT 4234  
DB 1 CGCTCGCGGTGTGCGTT 18

RESULT 1397  
US-09-927-737C-39  
Sequence 39, Application US/09927737C  
Patent No. 6576453

GENERAL INFORMATION:  
APPLICANT: Barany, Francis  
APPLICANT: Luo, Jianying  
APPLICANT: Khanna, Marilyn  
APPLICANT: Bergstrom, Donald E.  
TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY  
FILE REFERENCE: 19603/459  
CURRENT APPLICATION NUMBER: US/09/927,737C  
CURRENT FILING DATE: 2001-08-10  
PRIOR APPLICATION NUMBER: 60/022,535  
PRIOR FILING DATE: 1996-07-19  
PRIOR APPLICATION NUMBER: 08/891,292  
PRIOR FILING DATE: 1997-07-19  
NUMBER OF SEQ ID NOS: 97  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 39  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer for  
US-09-927-737C-39

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4217 CCTCTGGTGTGCTTT 4234  
DB 1 CGCTCGCGGTGTGCGTT 18

RESULT 1398  
US-09-723-450-7  
Sequence 7, Application US/09723450  
Patent No. 6576751  
GENERAL INFORMATION:  
APPLICANT: Alnemri, Emad S.  
TITLE OF INVENTION: Fadd-Like Anti-Apoptotic Molecules, Methods Of Using The Same, And  
FILE REFERENCE: TUD2445  
CURRENT APPLICATION NUMBER: US/09/723,450  
CURRENT FILING DATE: 2000-11-28  
PRIOR APPLICATION NUMBER: 09/276,993  
PRIOR FILING DATE: 1999-03-26  
PRIOR APPLICATION NUMBER: 08/859,167  
PRIOR FILING DATE: 1997-05-20  
NUMBER OF SEQ ID NOS: 17  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 7  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
OTHER INFORMATION: No. 6576751el Sequence  
US-09-723-450-7

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3599 AGGCTAATCTCAACTCC 3616  
DB 1 AGGCTGGTCTCAACTCC 18

RESULT 1399  
US-09-374-766-13/c  
Sequence 13, Application US/09374766  
Patent No. 6579526

```

: GENERAL INFORMATION:
: APPLICANT: Hervé PERRON
: APPLICANT: Frédéric BESEME
: APPLICANT: Frédéric BEDIN
: APPLICANT: Glauca PARANHOS-BACCALA
: APPLICANT: Florence KOMURIAN-PRADEL
: APPLICANT: Colette JOLIVET
: APPLICANT: Bernard MANDRAND
: TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
: TITLE OF INVENTION: ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACTIC
: TITLE OF INVENTION: THERAPEUTIC PURPOSES
: NUMBER OF SEQUENCES: 92
: CORRESPONDENCE ADDRESS:
: ADDRESSER: Oliff & Berridge
: STREET: 700 South Washington Street, Suite 300
: CITY: Alexandria
: STATE: Virginia
: COUNTRY: U.S.A.
: ZIP: 22314
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/374,766
: FILING DATE:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/08/691,563
: FILING DATE: 02-AUG-1996
: ATTORNEY/AGENT INFORMATION:
: NAME: Berridge, William P.
: REGISTRATION NUMBER: 30,024
: REFERENCE/DOCKET NUMBER: WPB 38588
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 703-836-6400
: TELEFAX: 703-836-2787
: INFORMATION FOR SEQ ID NO: 13:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 base pairs
: TYPE: nucleotide
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: CDNA
: US-09-374-766-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2099 CCTGCACCTTGCCTGATGC 2116
Db 18 CGTGCAGTTGCCGATGC 1

RESULT 1400
US-09-374-766-15/c
: Sequence 15, Application US/09374766
: Patent No. 6579526
: GENERAL INFORMATION:
: APPLICANT: Hervé PERRON
: APPLICANT: Frédéric BESEME
: APPLICANT: Frédéric BEDIN
: APPLICANT: Glauca PARANHOS-BACCALA
: APPLICANT: Florence KOMURIAN-PRADEL
: APPLICANT: Colette JOLIVET
: APPLICANT: Bernard MANDRAND
: TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
: TITLE OF INVENTION: ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACTIC
: TITLE OF INVENTION: THERAPEUTIC PURPOSES
: NUMBER OF SEQUENCES: 92
: CORRESPONDENCE ADDRESS:
: ADDRESSER: Oliff & Berridge
```

```

: STREET: 700 South Washington Street, Suite 300
: CITY: Alexandria
: STATE: Virginia
: COUNTRY: U.S.A.
: ZIP: 22314
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/374,766
: FILING DATE:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/08/691,563
: FILING DATE: 02-AUG-1996
: ATTORNEY/AGENT INFORMATION:
: NAME: Berridge, William P.
: REGISTRATION NUMBER: 30,024
: REFERENCE/DOCKET NUMBER: WPB 38588
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 703-836-6400
: TELEFAX: 703-836-2787
: INFORMATION FOR SEQ ID NO: 15:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 base pairs
: TYPE: nucleotide
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: CDNA
: US-09-374-766-15

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2099 CCTGCACCTTGCCTGATGC 2116
Db 18 CGTGCAGTTGCCGATGC 1

RESULT 1401
US-09-374-766-28/c
: Sequence 28, Application US/09374766
: Patent No. 6579526
: GENERAL INFORMATION:
: APPLICANT: Hervé PERRON
: APPLICANT: Frédéric BESEME
: APPLICANT: Frédéric BEDIN
: APPLICANT: Glauca PARANHOS-BACCALA
: APPLICANT: Florence KOMURIAN-PRADEL
: APPLICANT: Colette JOLIVET
: APPLICANT: Bernard MANDRAND
: TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
: TITLE OF INVENTION: ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACTIC
: TITLE OF INVENTION: THERAPEUTIC PURPOSES
: NUMBER OF SEQUENCES: 92
: CORRESPONDENCE ADDRESS:
: ADDRESSER: Oliff & Berridge
: STREET: 700 South Washington Street, Suite 300
: CITY: Alexandria
: STATE: Virginia
: COUNTRY: U.S.A.
: ZIP: 22314
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/374,766
: FILING DATE:
: PRIOR APPLICATION DATA:
```

APPLICATION NUMBER: US/08/691,563  
FILING DATE: 02-AUG-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Berridge, William P.  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 38588  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6400  
TELEFAX: 703-836-2787  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleotide  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-09-374-766-28

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2099 CCGCAGCTGGCCTGATGC 2116  
DB 18 CGTCGAGTGGCCGATGC 1

RESULT 1402  
US-08-979-847B-13/C  
Sequence 13, Application US/08979847B  
Patent No. 6582703  
GENERAL INFORMATION:  
APPLICANT: PERRON, HERVE  
BESME, FREDERIC  
BEDIN, FREDERIC  
PARANHOS-BACCALA, GLAUCIA  
KOMURIAN-PRADEL, FLORENCE  
JOLIVET-REYNAUD, COLETTE  
MANDRAND, BERNARD  
CARSON, JEREMY  
TUBE, PHILIP  
TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS  
ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYL  
THERAPEUTIC PURPOSES  
NUMBER OF SEQUENCES: 210  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OLIVIER & BERRIDGE, PLC  
STREET: P.O. BOX 19928  
CITY: ALEXANDRIA  
STATE: VA  
COUNTRY: USA  
ZIP: 22320  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/979,847B  
FILING DATE: 26-NOV-9582703-1997  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: BERRIDGE, WILLIAM P.  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 39046A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6400  
TELEFAX: 703-836-2787  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleotide  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 13:  
US-08-979-847B-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2099 CCGCAGCTGGCCTGATGC 2116  
DB 18 CGTCGAGTGGCCGATGC 1

RESULT 1403  
US-09-585-174-25  
Sequence 25, Application US/09585174  
Patent No. 6586229  
GENERAL INFORMATION:  
APPLICANT: Ben-Bassat, Arle  
APPLICANT: Catermole, Monica  
APPLICANT: Gatenby, Anthony A.  
APPLICANT: Gibson, Katherine J.  
APPLICANT: Ramos-Gonzalez, Isabel  
APPLICANT: Ramos, Juan  
APPLICANT: Sarlasiani, Sima  
TITLE OF INVENTION: Method for the Production of p-Hydroxybenzoate in Species of  
TITLE OF INVENTION: Pseudomonas and Agrobacterium  
FILE REFERENCE: BC1018 US NA  
CURRENT APPLICATION NUMBER: US/09/585,174  
CURRENT FILING DATE: 2000-06-01  
NUMBER OF SEQ ID NOS: 112  
SOFTWARE: Microsoft Office 97  
SEQ ID NO 25  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-585-174-25

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1894 GCTGGACACAGCTCTG 1911  
DB 1 GCTGGACTACACCATG 18

RESULT 1404  
US-09-693-011-7/C  
Sequence 7, Application US/09693011  
Patent No. 6632978  
GENERAL INFORMATION:  
APPLICANT: Kaslin, Edgar  
APPLICANT: Luyten, Marcel  
APPLICANT: Zewes, Hans-Gunter  
TITLE OF INVENTION: Transgenic Animals For Studying  
TITLE OF INVENTION: Regulation Of Genes  
FILE REFERENCE: 4-31176A  
CURRENT APPLICATION NUMBER: US/09/693,011  
CURRENT FILING DATE: 2000-10-20  
NUMBER OF SEQ ID NOS: 12  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 7  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PRIMER  
US-09-693-011-7

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1566 GGAGCTGGGGGAGAG 1583  
DB 18 GGATGCCACGGGAGAG 1

RESULT 1405  
US-09-370-541-14/c  
; Sequence 14, Application US/09370541  
; Patent No. 6639062  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Cook, Phillip Dan  
; APPLICANT: Prakash, Thazha P  
; APPLICANT: Kawasaki, Andrew M  
; TITLE OF INVENTION: Aminoxy-Modified Nucleosidic Compounds And Oligomeric  
; FILE REFERENCE: 15181993  
; CURRENT APPLICATION NUMBER: US/09/370,541  
; CURRENT FILING DATE: 1999-08-09  
; EARLIER APPLICATION NUMBER: 09/130,973  
; EARLIER FILING DATE: 1998-08-07  
; EARLIER APPLICATION NUMBER: 09/016,520  
; EARLIER FILING DATE: 1998-01-30  
; EARLIER APPLICATION NUMBER: 60/037,143  
; EARLIER FILING DATE: 1997-02-14  
; EARLIER APPLICATION NUMBER: 09/344,260  
; EARLIER FILING DATE: 1999-06-25  
; NUMBER OF SEQ ID NOS: 21  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 14  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: antisense  
; OTHER INFORMATION: sequence  
US-09-370-541-14

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5398 AATCAAAAAAGAAAAA 5415  
DB 18 AAAAAAAAAAAAAAAAAA 1

RESULT 1406  
US-09-559-306-50  
; Sequence 50, Application US/09559306  
; Patent No. 6642000  
; GENERAL INFORMATION:  
; APPLICANT: STRIZHKOV, BORIS  
; APPLICANT: TITLIB, SERGEI  
; APPLICANT: MICHAILEVICH, VLADIMIR  
; APPLICANT: MIRZABEKOV, ANDREI  
; TITLE OF INVENTION: PCR AMPLIFICATION ON MICROARRAYS OF GEL IMMOBILIZED  
; FILE REFERENCE: 21416-90459  
; CURRENT APPLICATION NUMBER: US/09/559,306  
; CURRENT FILING DATE: 2000-04-25  
; PRIOR APPLICATION NUMBER: 60/165,029  
; PRIOR FILING DATE: 1999-11-12  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 50  
; LENGTH: 18  
; TYPE: DNA

; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-559-306-50

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2159 CCACCAACACCTCTGTC 2176  
DB 1 CCAGAACACACCTGTC 18

RESULT 1407  
US-09-367-513-3/c  
; Sequence 3, Application US/09367513  
; Patent No. 6660255  
; GENERAL INFORMATION:  
; APPLICANT: Gottesfeld, Joel M.  
; APPLICANT: Dervan, Peter B.  
; APPLICANT: Mosier, Donald E.  
; APPLICANT: Baird, Eldon E.  
; TITLE OF INVENTION: INHIBITION OF GENE TRANSCRIPTION BY  
; FILE REFERENCE: 27801-20012.00  
; CURRENT APPLICATION NUMBER: US/09/367,513  
; CURRENT FILING DATE: 2000-04-25  
; PRIOR APPLICATION NUMBER: US 60/038,384  
; PRIOR FILING DATE: 1997-02-14  
; PRIOR APPLICATION NUMBER: US 60/038,394  
; PRIOR FILING DATE: 1997-02-14  
; PRIOR APPLICATION NUMBER: US 60/(CIT2683)  
; PRIOR FILING DATE: 1997-09-02  
; PRIOR APPLICATION NUMBER: US 60/(CIT2684)  
; PRIOR FILING DATE: 1997-09-10  
; PRIOR APPLICATION NUMBER: US 08/853,022  
; PRIOR FILING DATE: 1997-04-21  
; PRIOR APPLICATION NUMBER: PCT/US97/12722  
; PRIOR FILING DATE: 1997-07-21  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 3  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: HIV  
US-09-367-513-3

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3461 AGTCGTCATCTTCAGCA 3478  
DB 18 AGTCGTCATATTCAGCA 1

RESULT 1408  
US-09-747-391-201  
; Sequence 201, Application US/09747391  
; Patent No. 6670124  
; GENERAL INFORMATION:  
; APPLICANT: Chow, Robert  
; APPLICANT: Tsonai, Richard  
; APPLICANT: StemCyt, Inc.  
; TITLE OF INVENTION: High Throughput Methods of HLA Typing  
; FILE REFERENCE: 020035-000210US  
; CURRENT APPLICATION NUMBER: US/09/747,391  
; CURRENT FILING DATE: 2001-07-13  
; PRIOR APPLICATION NUMBER: US 60/172,768  
; PRIOR FILING DATE: 1999-12-20  
; NUMBER OF SEQ ID NOS: 278  
; SOFTWARE: FastSeq for Windows Version 3.0



SEQ ID NO 201  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-747-391-201

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4319 GCTATCGAAGCCCTGAG 4336  
DB 1 GCTGTCGAAGCCGACAGAG 18

RESULT 1409  
US-09-855-793-65  
Sequence 65, Application US/09855793  
Patent No. 6677121  
GENERAL INFORMATION:  
APPLICANT: Lizardi, Paul M.  
APPLICANT: Roth, Matthew B.  
APPLICANT: Peng, Li  
APPLICANT: Guerra, Cesar E.  
APPLICANT: Weber, Shane C.  
APPLICANT: Kaufman, Joseph C.  
APPLICANT: Laflamer, Darin R.  
TITLE OF INVENTION: Fixed Address Analysis of Sequence Tags  
Patent No. 6677121  
FILE REFERENCE: YU 126  
CURRENT APPLICATION NUMBER: US/09/855,793  
CURRENT FILING DATE: 2001-05-15  
PRIOR APPLICATION NUMBER: 09/544,713  
PRIOR FILING DATE: 2000-04-16  
NUMBER OF SEQ ID NOS: 79  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 65  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:  
US-09-855-793-65

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4924 AAGTAATGGAACCTTGAT 4941  
DB 1 AAGTAATGGAACCTGAT 18

RESULT 1410  
US-10-125-295-9/C  
Sequence 9, Application US/10125295  
Patent No. 6686460  
GENERAL INFORMATION:  
APPLICANT: Lin, Ching-I Patsy  
Wallace, Robert Bruce  
Cosman, Jeffrey  
French, Cynthia  
TITLE OF INVENTION: Lyophilization of Cultured Human Cells  
to Preserve RNA and DNA  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESS: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/125,295  
FILING DATE: 17-Apr-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/545,225  
FILING DATE: 07-Apr-2000  
APPLICATION NUMBER: US 08/884,029  
FILING DATE: 27-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Parent, Annette S.  
REGISTRATION NUMBER: 42,058  
REFERENCE/DOCKET NUMBER: 02558B-059100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 13..18  
OTHER INFORMATION: /mod base= OTHER  
/note= "t at positions 13-18 may be  
present or absent"  
SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
US-10-125-295-9

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATACAAAGAAAAA 5415  
DB 18 AAAAAAAAAAAAAAAAAA 1

RESULT 1411  
US-10-012-605C-20/C  
Sequence 20, Application US/10012605C  
Patent No. 6692748  
GENERAL INFORMATION:  
APPLICANT: Haldeman, Betty A.  
APPLICANT: Thayer, Edward C.  
APPLICANT: Sheppard, Paul O.  
TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN  
FILE REFERENCE: 00-111  
CURRENT APPLICATION NUMBER: US/10/012,605C  
CURRENT FILING DATE: 2002-08-14  
PRIOR APPLICATION NUMBER: US 60/254,019  
PRIOR FILING DATE: 2000-12-07  
NUMBER OF SEQ ID NOS: 23  
SOFTWARE: PatSeq for Windows Version 4.0  
SEQ ID NO 20  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide primer ZC21,909  
US-10-012-605C-20

Query Match 0.2%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 7.9e+02;



```
/ Patent No. 6770461
/ GENERAL INFORMATION:
/ APPLICANT: Carulli, John P.
/ APPLICANT: Little, Randall D.
/ APPLICANT: Recker, Robert R.
/ APPLICANT: Johnson, Mark L.
/ TITLE OF INVENTION: High bone mass gene of 11q13.3
/ FILE REFERENCE: 032796-013
/ CURRENT APPLICATION NUMBER: US/09/544,398B
/ PRIOR FILING DATE: 2002-06-10
/ PRIOR APPLICATION NUMBER: US 09/229,319
/ PRIOR FILING DATE: 1999-01-13
/ PRIOR APPLICATION NUMBER: US 60/071,449
/ PRIOR FILING DATE: 1998-01-13
/ PRIOR APPLICATION NUMBER: US 60/105,511
/ PRIOR FILING DATE: 1998-10-23
/ NUMBER OF SEQ ID NOS: 641
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 554
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-544-398B-534

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 258 GGACCCCATCCCGAGACC 275
Db 1 GGAGTACATCCCGAGACC 18

RESULT 1417
US-09-994-311-7/c
/ Sequence 7, Application US/09994311
/ Patent No. 6773886
/ GENERAL INFORMATION:
/ APPLICANT: Kaufman, Joseph C.
/ APPLICANT: Roth, Matthew E.
/ APPLICANT: Lizardi, Paul M.
/ APPLICANT: Feng, Li
/ APPLICANT: Latimer, Darin R.
/ TITLE OF INVENTION: Binary Encoded Sequence Tags
/ Patent No. 6773886
/ FILE REFERENCE: AGI 100
/ CURRENT APPLICATION NUMBER: US/09/994,311
/ CURRENT FILING DATE: 2001-11-26
/ PRIOR APPLICATION NUMBER: US/09/637,751
/ PRIOR FILING DATE: 2000-08-11
/ NUMBER OF SEQ ID NOS: 10
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 7
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-994-311-7

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5391 TTAATAAATATCAAAAAA 5408
Db 18 TCAAAAAAAAAAAAAAAA 1

RESULT 1418
US-09-601-326-118/c
/ Sequence 118, Application US/09601326
/ Patent No. 6773908
```

```
/ GENERAL INFORMATION:
/ APPLICANT: PAUL DR. PREM S
/ APPLICANT: ZHANG, YANJIN
/ TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE
/ TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV)
/ FILE REFERENCE: 8199-0005-55XCIP WO
/ CURRENT APPLICATION NUMBER: US/09/601,326
/ PRIOR FILING DATE: 2000-09-25
/ PRIOR APPLICATION NUMBER: PCT/US99/026310
/ PRIOR FILING DATE: 1999-04-19
/ PRIOR APPLICATION NUMBER: US 09/019,793
/ PRIOR FILING DATE: 1998-02-06
/ PRIOR APPLICATION NUMBER: US 08/478,316
/ PRIOR FILING DATE: 1995-06-07
/ PRIOR APPLICATION NUMBER: US 08/301,435
/ PRIOR FILING DATE: 1994-09-01
/ PRIOR APPLICATION NUMBER: US 08/131,625
/ PRIOR FILING DATE: 1993-10-05
/ PRIOR APPLICATION NUMBER: US 07/969,071
/ PRIOR FILING DATE: 1992-10-30
/ NUMBER OF SEQ ID NOS: 175
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 118
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-601-326-118

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1008 CTCGCCAGACCATGAGTC 1025
Db 18 CTTCCAGACCATCAGTC 1
```

```
RESULT 1419
US-09-142-108C-29/c
/ Sequence 29, Application US/09142108C
/ Patent No. 6774285
/ GENERAL INFORMATION:
/ APPLICANT: Brugliera, Filippo
/ APPLICANT: Holton, Timothy A.
/ APPLICANT: Michael, Michael Z.
/ TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 11658
/ CURRENT APPLICATION NUMBER: US/09/142,108C
/ CURRENT FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: P8386
/ PRIOR FILING DATE: 1996-03-01
/ NUMBER OF SEQ ID NOS: 45
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 29
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-09-142-108C-29

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAAGAAAAATGAA 5419
Db 18 CAAAAAAAAAAAAAAAAA 1
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```
RESULT 1420
US-09-856-662-38
; Sequence 38, Application US/09856662
; Patent No. 6790616
; GENERAL INFORMATION:
; APPLICANT: MORIBE, Toyoki et al.
; TITLE OF INVENTION: Method for typing HLA class 1 genes
; FILE REFERENCE: 0032-0261P
; CURRENT APPLICATION NUMBER: US/09/856,662
; CURRENT FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: JP P1998-335151
; PRIOR FILING DATE: 1998-11-26
; NUMBER OF SEQ ID NOS: 130
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 38
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA probe BL4
US-09-856-662-38

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      2143 ACACGACTTCGACAGACC 2160
Db      1 ACACGATCTCCAGACC 18

RESULT 1421
US-09-377-502-44/C
; Sequence 44, Application US/09377502
; Patent No. 6791011
; GENERAL INFORMATION:
; APPLICANT: Gene Shears Pty. Limited
; APPLICANT: Paul, Wyatt
; APPLICANT: Perez, Pascal
; APPLICANT: Huttner, Eric
; APPLICANT: Betzner, Andreas S
; TITLE OF INVENTION: Protein Complementaction In Transgenic Plants
; FILE REFERENCE: P1962905/TJP
; CURRENT APPLICATION NUMBER: US/09/377,502
; CURRENT FILING DATE: 1999-08-20
; PRIOR APPLICATION NUMBER: PCT/GB98/00542
; PRIOR FILING DATE: 1998-02-20
; PRIOR APPLICATION NUMBER: GB 97/03681.8
; PRIOR FILING DATE: 1997-02-21
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Fig 3B, lane 3, RN 7
US-09-377-502-44

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      1220 CATGGCAGCGGTGTAG 1237
Db      18 CATGACAGCGCGGTGG 1

RESULT 1422
PCT-US94-05407-4/C
; Sequence 4, Application PC/TUS9405407
; GENERAL INFORMATION:
; APPLICANT:

TITLE OF INVENTION: "NUCLEIC ACID TAGGED IMMUNOASSAY"
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESS: NEEDLE & ROSENBERG, P.C.
STREET: Suite 1200, 127 Peachtree Street
CITY: Atlanta
STATE: Georgia
COUNTRY: USA
ZIP: 30303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05407
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/061,694
FILING DATE: 13-MAY-1993
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
PCT-US94-05407-4

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      5398 AATACAAAAAGAAAAA 5415
Db      18 AAAAAAAAAAAAAAAAAA 1

RESULT 1423
PCT-US94-05407-5
; Sequence 5, Application PC/TUS9405407
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: "NUCLEIC ACID TAGGED IMMUNOASSAY"
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESS: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/05407
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/061,694
; FILING DATE: 13-MAY-1993
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; PCT-US94-05407-5

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Oy 327 CCTCCCTGCTTCTCT 344  
Db 1 CCTCCCTATCTTCTCT 18

## RESULT 1424

PCT-US95-08605-29/c

Sequence 29, Application PC/TUS9508605

GENERAL INFORMATION:

APPLICANT: Visible Genetics Inc.

APPLICANT: Diamandis, Eletherios

APPLICANT: Dunn, James M.

APPLICANT: Stevens, John K.

TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis

TITLE OF INVENTION: and Targeted Screening for p53 Mutations

NUMBER OF SEQUENCES: 41

CORRESPONDENCE ADDRESS:

ADDRESSER: Opedahl &amp; Larson

STREET: 1992 Commerce Street, Suite 309

CITY: Yorktown Heights

STATE: NY

COUNTRY: USA

ZIP: 10598-4412

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS 5.0

SOFTWARE: Word Perfect

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/08605

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/271,946

FILING DATE: 08-JUL-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/388,381

FILING DATE: 14-PRB-1995

ATTORNEY/AGENT INFORMATION:

NAME: Marina T. Larson

REGISTRATION NUMBER: 32,038

REFERENCE/DOCKET NUMBER: VGEN-P-003-US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (914) 245-3252

TELEFAX: (914) 962-4330

TELEX:

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:

LENGTH: 18

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: genomic DNA

HYPOTHETICAL: no

ANTI-SENSE: no

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

ORGANISM: human

FEATURE:

NAME/KEY: sequencing primer for exon 5 of human p53 gene

PCT-US95-08605-29

Query Match 0.2%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2186 TTGCCAGGCTCTCAAG 2203

Db 18 TTGCCAGGCTCTCAAG 1

## RESULT 1425

PCT-US95-13142-27

Sequence 27, Application PC/TUS9513142

GENERAL INFORMATION:

APPLICANT: UNIVERSITY OF MASSACHUSETTS MEDICAL CENTER

TITLE OF INVENTION: Cis-Acting Sequence for Intracellular

TITLE OF INVENTION: Localization of RNA

NUMBER OF SEQUENCES: 30

CORRESPONDENCE ADDRESS:

ADDRESSER: Fish &amp; Richardson P.C.

STREET: 225 Franklin Street

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/13142

FILING DATE: 04-OCT-1995

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/319,836

FILING DATE: 07-OCT-1994

ATTORNEY/AGENT INFORMATION:

NAME: Clark, Paul T.

REGISTRATION NUMBER: 30,162

REFERENCE/DOCKET NUMBER: 04020/043001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617/542-5070

TELEFAX: 617/542-8906

TELEX: 200154

INFORMATION FOR SEQ ID NO: 27:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "ANTISENSE OLIGONUCLEOTIDE"

PCT-US95-13142-27

Query Match 0.2%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 3543 ATCTGACTCAAGCGCA 3560

Db 1 ATCTGACTCAAGCGCA 18

## RESULT 1426

PCT-US96-01473-2/c

Sequence 2, Application PC/TUS9601473

GENERAL INFORMATION:

APPLICANT: University of Nebraska, Board of Regents

APPLICANT: Gold, Barry I.

TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSER: Dann, Dorfman, Herrell and Skillman

STREET: 1601 Market Street Suite 720

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103-2307

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/01473
; FILING DATE: 29-JAN-1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/384,324
; FILING DATE: 01-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 563-4100
; TELEFAX: (215) 563-4044
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: YES
; ANTI-SENSE: YES
PCT-US96-01473-2
```

```
Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Cy 5396 AAATACAAAAAGAAA 5413
Db 18 AAGAAAGAAAAAGAAA 1
```

```
RESULT 1427
PCT-US96-01473-4/c
; Sequence 4, Application PC/TUS9601473
; GENERAL INFORMATION:
; APPLICANT: University of Nebraska, Board of Regents
; APPLICANT: Gold, Barry I.
; TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/01473
; FILING DATE: 29-JAN-1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/384,324
; FILING DATE: 01-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 563-4100
; TELEFAX: (215) 563-4044
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: other nucleic acid
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```
; HYPOTHETICAL: YES
; ANTI-SENSE: YES
PCT-US96-01473-4
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```
Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Cy 5397 AAATACAAAAAGAAA 5414
Db 18 AAGAAAGAAAAAGAAA 1
```

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Search completed: November 2, 2004, 10:28:10
Job time : 87 secs
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